

DISTRIBUTION STATEMENT A

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1. REPORT NUMBER	2. GOVT ACCESSION NO.		ENT'S CATALOG NUMBER
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7. AUTHOR(*) N/A		B. CONTR	ACT OR GRANT NUMBER(*)
PERFORMING ORGANIZATION NAME AND ADDRESS Naval Weather Service Detachment Federal Building Asheville, N.C. 28801		10. PROG AREA	RAM ELEMENT, PROJECT, TASK & WORK UNIT NUMBERS
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Climatology, surface wind, temper relative humidity, station pressudaily temperature, weather condit facility, coastal region, snow de	rature, precipita re,extreme tempe tions, monthly cl	tion, c ratures imatolo	, sea level pressure, gy, Naval shore
This data report consists of a si weather observations. The six pa Atmospheric Phenomena, Part B - P Surface Winds, Part D - Ceiling v Psychrometric Summaries, Part F -	x part statistic erts are: Part A recipitation/Sno ersus Visibility	- Weat wfall/S /Sky Co	her Conditions/ now Depth, Part C - ver, Part E -

2 (,)	STATION NO. ON SUMMARY: 93831	Station name: Beaufort, S. C.		32°28'N	N. S	10301100t:	38	KNBC	WMO NUMBER:	J£R:
		STATION LOCATION AND INSTRUMENTATION HISTORY	NO	NDN	STRU	MENTA	TION HI	STORY		
NUMBER OF BARG			TYPE	AT THIS LOCATION	TION	LATITUDE	IOMGITIOE	ELEVATION ABOVE WSL	BOVE MSL	OBS
LOCATION		DEGGRAPHICAL LUCATION & NAME	STATION	FROM	10		200	FEET	TYPE BAROMETER	DAY
Charles and the same	Weather s	Weather service office	MCAS	1958	1963	32°28'N	80°43'W	31.55	Tonnelot	24
	Weather S	Weather Service office (new barometer installed)	=	1963	1965		-		:	24
	Weather s head of	Weather service office (North bulk-head of room 128, Bldg 600)		1965	1968		=	= ,	Fortin	24
	Weather s head of	Weather service office (North bulk-head of room 128, Bldg 600)		1968				Ground 6.0	=	24
1a.	Weather s head of	Weather service office (North bulk-head of room 128, Bldg 600)		1960			=	8.5	Aneroid	24
										,
NUMBER	DATE	SURFACE WIND EQUIPMENT INFORMATION	UIPMENT INFOR	MATION						
LOCATION	OF CHANGE	LOCATION		TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDI	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	JR REASON FOR CHA!	105
	Installed	Atop operations building		AN/UMQ-5	RD-108	45,	1. Aneroid	Aneroid Barometer	(ML-448/UM)	JM)
	1960	Eleven hundred feet north of Bldg 600, and twelve hundred feet south of the intersection of the runways.	of red tion	±	F	12,		Semi-auto Met Station (AN/GMQ-29) Semi-auto Met Station (AN/GMQ-29) *Cloud height set (AN/GMQ-13) Theodolite (ML-247) Transmissometer (AN/GMQ-10) Radar (AN/FPS-106) Weathervision (GMQ-19V)	ation (AN/GMQ-13) 247) (AN/GMQ-10) 66)	эмо-29) L3)
							*Two set	*Two sets in use.		
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NWSD, Federal Building Asheville, N. C.

# SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

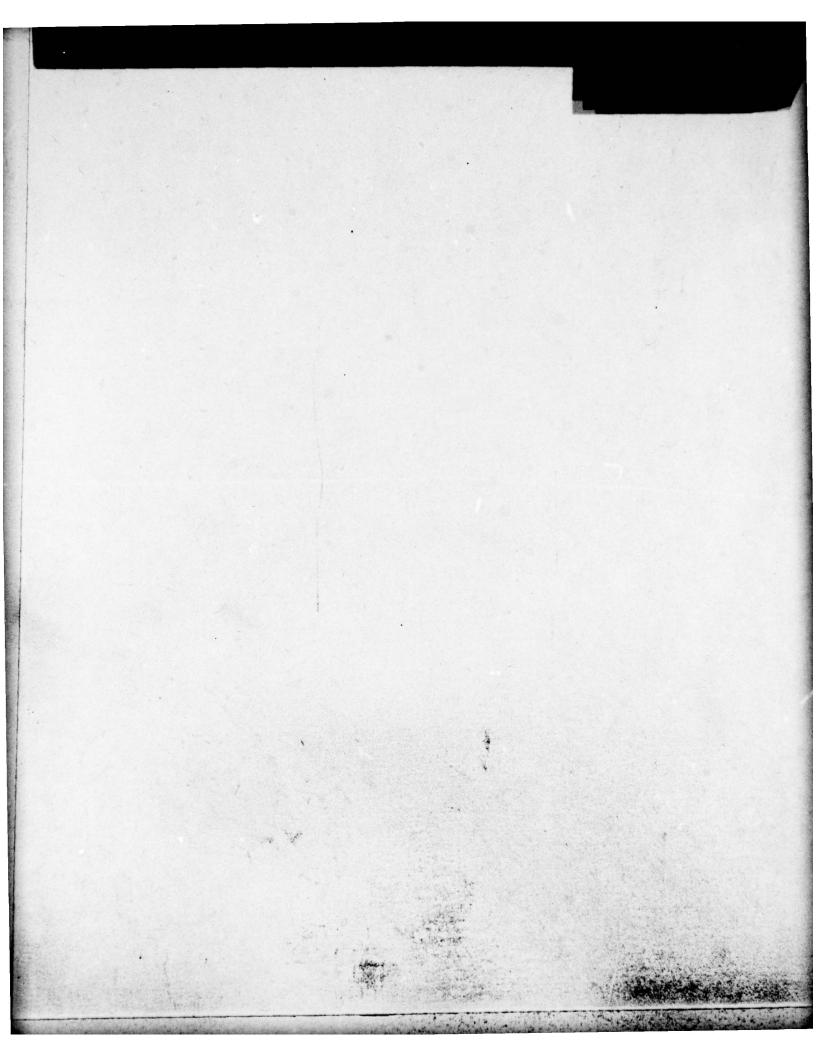
DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

- Ten years of data will be used as the standard period of record (POR).
- 2. All available data will be used for extreme values.
- Summarize (update) every five years.
- 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes.
- The update in 1983 will include the POR 1973 through 1982, with all available data through 1982
- c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
- All available data through 1992 will be used for d. In 1993 the POR will be 1983 through 1992.

pared in 1973. The retention of these summaries will provide the most comprehensive climatological file Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prefor your station.

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day obser-DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observavations (prepared from record-special, local, summary of the day, remarks, etc.).

or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some Questionable values will most likely be single occurrences shown by a percentage fre-(This value indicates a percent less than ".05," which, in most cases, reflects a single reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect occurrence of an occasional spurious value should not in itself be considered significant. Every effort COMMENT: All observations summarized in this tabulation have been computer edited for consistency and Since most stations summarized now have in excess of 10,000 3-hourly observations, the is made by this office to maintain a high degree of accuracy and reliability in these tables, and Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms. observation.)



#### DART A

#### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- . By month and annual, all hours and years combined.
- By month and annual, all hours and years combined, by wind direction.
- 3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

11 Occurrences of hail and small hail are included.

Since more than one type of precipitation may be reported in the same Percentage of observations with precipitation - Included in this category are the observations when one or observation, the sums of the individual categories may exceed the total columns. more of the above phenomena occurred.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not Percentage of observations with obstructions to vision - Included in this category are the observations may be reported in the same observation, the sums of the individual categories may exceed the percentage when one or more of the above obstructions to vision occurred. Since more than one type of obstruction total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction reflect the total observations with reduced visibility. The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

For - Included are for, ice for, and rround for-

te and or have - Occurrences of spire, have, or combinations of smake and

nation is not set became the selfogethe labilities set to be and est to be set of the course

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(Sand) of the nothern Towns ater.

#### ARTA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

ATMOSPHERIC PHENOMENA

may occur in the same daily observation, the sum of the values in the individual columns may not equal the centage of observations. Since more than one type of precipitation or more than one type of obstruction The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than pertotal columns.

This presentation is by month with annual totals, and is prepared with all years combined.

A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the "% Total" indicates percentage frequency (plus calm). Column totals show the number of observations. of occurrences.

BEAUFORT, SOUTH CAROLINA

93831 STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

				_				_	 	 	
TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155			1240
% OF OBS WITH OBST TO VISION	49.7	52.9	56.1	51.6	40.6	37.4	45.6	49.7			47.6
DUST AND/OR SAND	5										
BLOWING											
SMOKE AND/OR HAZE	18.1	12.9	14.2	26.5	21.9	22.6	27.1	23.9			20.9
FOG	36.1	43.2	45.2	29.7	21.3	16.8	20.0	31.6			30.5
% OF OBS WITH PRECIP.	7.7	11.6	13.5	9.7	10.3	13.5	7.1	3.2			9.6
HAIL											
SNOW AND/OR SLEET			•	9.		9.					.2
FREEZING RAIN &/OR DRIZZLE						•					
RAIN AND/OR DRIZZLE	7.7	11.6	12.9	9.0	10.3	12.3	7.1	3.2			9.3
THUNDER- STORMS											
HOURS (L.S.T.)	10	40	07	10	13	16	19	22			,
МОМТН	JAN										TOTALS

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BEAUFORT, SOUTH CAROLINA

93831 STATION

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EARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	141	141	141	141	141	141	141	141		1128
% OF OBS WITH OBST TO VISION	0.4	49.4	60.3	52.5	27.7	28.4	29.8	36.2		40.5
AND/OR SAND	2.1	1.4	1.4			2.1	2.1	2.1		1.6
BLOWING										*
SMOKE AND/OR HAZE	25.5	19.1	24.1	36.9	18.4	17.0	17.7	22.7		22.7
FOG	21.3	29.1	47.5	18.4	9.2	9.2	10.6	12.1		19.7
% OF OBS WITH PRECIP.	5.7	5.7	9.5	7.1	4.9	11.3	7.1	9.5		7.7
HAIL										
SNOW AND/OR SLEET	۲.		۲.		1.4	۲.		2.1		0.1
FREEZING RAIN &/OR DRIZZLE							۲.	1.		2.
RAIN AND/OR DRIZZLE	5.0	5.0	eo 10	•	5.7	10.6	. v	7.1		6.
THUNDER- STORMS										
HOURS (L.S.T.)	10	40	07	10	13	16	19	22		4.6.
МОМТН	#F 60									TOTALS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

			Street, Street,	Company of							
TOTAL NO. OF OBS.	155	155	155	155	155	155	154	154		86.	1500
% OF OBS WITH OBST TO VISION	48.4	54.2	0.69	48.4	32,3	34.2	38.3	41.6		1	***
DUST AND/OR SAND						1.3	1.3			•	
BLOWING											
SMOKE AND/OR HAZE	25.2	20.0	29.0	34.8	24.5	23.2	25.3	22.1		2 2 2	***
FOG	27.7	40.0	50.3	18.1	7.0	11.0	14.9	22.7	,	;	64.2
% OF OBS WITH PRECIP.	5.2	7.7	7.1	10.3	11.6	80	5.8	7.8		a	
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	5.2	7.7	7.1	10.3	11.6	4.8	5.8	7.8		a	200
THUNDER- STORMS	9.			e.	9.		1.3	1.3			
HOURS (L.S.T.)	10	40	01	10	13	16	19	22			
МОМТН	MAR									TOTALS	

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93831 STATION

BEAUFORT, SOUTH CAROLINA

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150			1200
% OF OBS WITH OBST TO VISION	39.3	49.3	64.7	43.3	31.3	31,3	32.7	32.0			40.5
DUST AND/OR SAND						.,					i,1
BLOWING											
SMOKE AND/OR HAZE	25.3	27.3	34.0	36.0	27.3	26.0	27.3	24.0			28.4
50	20.0	32.7	45.3	10.0	0.4	4.7	0.9	12.0			16.8
% OF OBS WITH PRECIP.	1.3	4.7	3.3	5.3	5.3	0.4	4.7	3.3			0.4
HAIIL											
SNOW AND/OR SLEET										-	
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	1.3	4.7	3.3	æ.	2.	4.0	4.7				0.4
THUNDER- STORMS	۲.							1.3			m
HOURS (L.S.T.)	10	*0	10	10	13	16	19	22			
MONTH	APR										TOTALS

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BEAUFORT, SOUTH CAROLINA

93831 STATION

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MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

% OF OBS TOTAL NUTH OBST TO VISION OBS.	60.0 155	70.3 155	83.9 155	54.8 155	38.7 155	37.4 155	43.9 155	53,5 155		
DUST AND/OR SAND						-				
SMOKE BLOWING AND/OR SNOW HAZE	41.3	40.0	51.0	49.0	36.1	36.8	39.4	45.6		
FOG ANI	27.7 4	43.9 4	49.7	7.7	6.5	1.9 3	5.2	12.3 4		
% OF OBS WITH PRECIP.	7.7	3.9	4.5	4.5	5.2	3.2	5.8	7.7		
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	7.7	3.9	4.5	4.5	5.2	3.2	5.8	7.7		
THUNDER- STORMS	1.3	9.	•	1.9	•	1.9	3.2	3.2		
HOURS (L.S.T.)	01	90	07	10	13	16	10	22		
MONTH	MAY								439	

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BEAUFORT, SOUTH CAROLINA

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YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

	-					-		and the			The state of the s
TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150			1200
% OF OBS WITH OBST TO VISION	65.3	74.7	84.0	54:7	44.7	0.44	44.7	56.7			58.6
DUST AND/OR SAND											
BLOWING									F-R	10 (c)	
SMOKE AND/OR HAZE	47.3	46.0	0.09	50.0	40.0	39.3	39.3	45.3			45.9
80	32.7	50.0	47.3	8.	4.7	4.4	6.7	18.7			21.3 45.9
% OF OBS WITH PRECIP.	5.3	2.0	2.0	0.4	9.3	11,3	6.9	10.0		8	6.7
HAIL											
SNOW AND/OR SLEET										1000	
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	5.3	2.0	2.0	4.0	9.3	11.3	9.3	10.0		Section of the	6.7
THUNDER. STORMS	1.3	1.3	-		5.3	8.0	6.1	2.7			3.3
HOURS (L.S.T.)	10	*	0.0	01	13	16	10	22			
MONTH	N S										TOTALS

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#### WEATHER CONDITIONS

BEAUFORT, SOUTH CAROLINA

93831 STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	195	155	155	155	155	155	155			1240
% OF OBS WITH OBST TO VISION	78.1	85,8	92,3	76.1	63.9	65.8	63.2	69.7			74.47
AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE	58.7	63.2	71.0	72.3	9.09	61.3	53.5	99.4			62.9
20	36.8	55.5	56.8	7.1	3.2	8.8	13.5	19.4			24.8
% OF OBS WITH PRECIP.	1.9	2.6	5.2	3.2	7.7	9.7	7.7	5.5			5.4
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	1.9	2.6	5.2	3.2	7.7	9.7	7.7	5.2			5.4
THUNDER- STORMS	1.9		9.	1.9	3.2	9.7	5.8	3.2			3.3
HOURS (L.S.T.)	10	*0	07	10	13	16	19	22			
МОМТН	100										TOTALS

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BEAUFORT, SOUTH CAROLINA

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

						Mary Inc.				- 6-7
TOTAL NO. OF OBS.	155	155	155	155	185	155	155	155		1240
% OF OBS WITH OBST TO VISION	83,2	91.0	93,5	67.7	58.7	57.4	0.00	73.5		73.1
AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	61.9	57.4	59.4	62.6	56.1	52.3	0.64	56.8		56.9
50	48.4	0.69	72.9	11.0	5.2	7.7	15.5	26.5		32.0
% OF OBS WITH PRECIP.	2.6	3.2	5.8	2.6	5.2	7.7	12.3	7.1		8.8
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZIE	2.6	3.2	5.8	5.6	5.5	7.7	12.3	7.1		8.8
THUNDER- STORMS	1.3	1.3	5.6	9.6	3.9	0.6	3.9	1.9		8.5
HOURS (L.S.T.)	10	90	07	10	13	16	19	22		
MONTH	AUG									TOTALS

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BEAUFURT, SOUTH CAROLINA

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

			T	Т			$\neg$	П	-	TT	
NO. OF OBS.	150	150	150	180	150	150	150	150			1200
% OF OBS WITH OBST TO VISION	78.0	84.0	91,3	69,3	61.3	0.40	63.3	72.0			72.9
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE	51.3	44.0	46.7	60.7	59.3	58.7	54.0	57.3			54.0
စ္	47.3	67.3	74.7	15.3	3.3	6.7	12.0	24.7			31.4
% OF OBS WITH PRECIP.	6.7	0.4	0.4	5,3	11.3	10.0	11.3	3,3			7.0
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	6.7	4.0	4.0	10	11.3	10.0	11.3	3.3			7.0
THUNDER- STORMS	2.7				2.7	3.3	5.3	3.3			2.3
HOURS (L.S.T.)	10	*0	0.7	01	13	16	19	22			
MONTH	SEP										TOTALS

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BEAUFORT, SOUTH CAROLINA

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	185	185	155	155			1240
% OF OBS WITH OBST TO VISION	58.7	65.8	73.5	58.1	38.7	32,3	45.2	49.7			52.8
DUST AND/OR SAND										1	
BLOWING											
SMOKE AND/OR HAZE	41.9	34.2	38.1	52.9	37.4	29.0	40.0	43.9			39.8
SQ.	34.2	48.4	8.45	0.0	2.6	9.0	8.8	12.9			21.5
% OF OBS WITH PRECIP.	2.6	2.6	2.6	1.9	1.3	6.5	5.2	2.6			3.2
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	2.6	2.6	2.6	1.9	1.3	6.9	5.2	2.6			3.2
THUNDER- STORMS		9.	•			1.3	9.				4.
HOURS (L.S.T.)	01	*0	07	10	13	16	10	22			
МОМТН	100										TOTALS

BEAUFORT, SOUTH CAROLINA

93831 STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

МОМТН	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	506	SMOKE AND/OR HAZE	BLOWING	AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	10		4.0				0.4	36.0	25.3			53,3	150
	*		4.0				0.4	48.0	21.3			0.00	150
	07		8.0				8.0	58.0	23.3			70.0	150
	10		2.7				2.7	20.0	40.0			96.0	150
	13		5.3				5.3	10.0	26.0			36.0	150
	16		5.3				5,3	9.3	22.7			30.7	150
	10		4.7				4.7	10.7	32.0			39,3	150
	22		4.7				4.7	24.0	30.0			48.7	150
TOTALS			4.8				4.8	27.0	27.6			49.3	1200

93831 STATION

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BEAUFURTS SOUTH CAROLINA

73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

% OF OBS TOTAL WITH OBST NO. OF TO VISION OBS.	50.3 155	52.9 155	58.7 155	51.0 155	37,4 155	34.2 155	36.8 195	46.5 155		
AND/OR W										
BLOWING										
SMOKE AND/OR HAZE	19.4	17.4	20.0	5.92	22.6	20.0	20.6	23.9		
90	34.8	36.8	40.6	25.8	17.4	14.8	19.4	29.0		
% OF OBS WITH PRECIP.	10.3	11.0	16.8	11.0	10.3	8	4.8	9.7		
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	10.3	11.0	16.8	11.0	10.3	8.4	4.8	9.7		
THUNDER- STORMS	9.									
HOURS (L.S.T.)	01	40	07	01	13	16	10	22		
MONTH	DEC									

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BEAUFORT, SOUTH CAROLINA

93831 STATION

73-77

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

									_				_
TOTAL NO. OF OBS.	1240	1128	1238	1200	1240	1200	1240	1240	1200	1240	1200	1240	14606
% OF OBS WITH OBST TO VISION	47.6	40.5	45.8	40.5	55.3	58.6	74.4	73.1	72.9	52.8	49.3	46.0	54.7
DUST AND/OR SAND		1.6											.2
SNOW		*											•
SMOKE AND/OR HAZE	20.9	22.7	25.9	28.4	42.1	45.9	65.8	56.9	54.0	39.8	27.6	21.3	37.3
50	30.5	19.7	24.3	16.8	19.1	21.3	24.8	32.0	31.4	21.5	27.0	27.3	24.6
% OF OBS WITH PRECIP.	9.6	7.7	8.0	0.4	5.3	6.7	5.6	8.8	7.0	3.2	4.	10.7	6.9
HAIL													
SNOW AND/OR SLEET	2.	1.0											7.
FREEZING RAIN &/OR DRIZZLE		2.											•
RAIN AND/OR I	9.3	6.9	8	0.4	5.3	6.7	4.6	8.8	7.0	3.2	4.8	10.7	4.0
THUNDER- STORMS		-	9.		1.7	3,3	3.3	3.5	2.3	*			1.3
HOURS (L.S.T.)	ALL												
MONTH	NAD	200	MAR	APR	MAY	NOS	105	AUG	SEP	7	NO.	DEC	TOTALS

#### WEATHER CONDITIONS ATMOSPHERIC PHENOMENA

BEAUFORT, SOUTH CAROLINA

93631 STATION

57-77

ALL

PERCENTAGE UF DAYS WITH VARIOUS ATMOSPHERIC PHENDMENA FROM DAILY OBSERVATIONS

TOTAL NO. OF OBS.	950	965	620	909	620	009	950	620	866	919	630	651	7363
% OF OBS WITH OBST TO VISION	69.2	71.9	77.9	71.8	61.3	82.3	83.5	0.06	98.6	76.7	71.0	66,9	77.6
AND/OR SAND		.2	80		e.	~							.2
SNOW		*											•
SMOKE AND/OR HAZE	46.8	56.9	59.7	56.0	68.0	69.8	71.3	75.2	73.6	63,3	53.0	51,3	62.1
90	56.5	55.2	61.3	57.5	65,5	67.5	64.2	76.9	77.5	62.0	60.5	52.8	63.1
% OF OBS WITH PRECIP.	42.3	41.9	41.0	31.3	40°3	47.3	55.8	50.3	45.9	\$ . 92	29.2	36.9	40.5
HAIL		2.	6.		10		8	2.					~
SNOW AND/OR SLEET	3.2	2.1	•									5.	٠.
FREEZING RAIN &/OR DRIZZLE	1.0	5	2.										7
RAIN AND/OR R DRIZZLE	41.3	41.0	41.5	31.3	40.3	47.3	55.8	50.3	42.9	\$ 92	2.62	36.9	40.
THUNDER- STORMS	2.9	116	10.0	9.5	2002	29,2	43.9	35.6	15.9	5.5	1.1	1.7	15.1
HOURS (L.S.T.)	DAILY				٠,								
MONTH	JAN	F 68	MAR	APR	MAY	NOS	101	AUG	SEP	130	NOV	DEC	TOTALS

S708% FREQ. WIND DIR. VS WEATHER MAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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BEAUFORT, SOUTH CAROLINA 93831

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JANUARY 1973-DECEMBER

JANUARY

ALL HOURS (L.S.T.)

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3	RS

35.6 28.0 50.6 2.49 ST. 940 51.6 62.6 48. 38. 2 91. BLOWING SAND AND DUST BLOWING SNOW 29.0 20.7 20.02 0.02 23.8 38.7 10.6 S X 32.0 3.5 10.01 172 20.0 1.0 5.0 2.1 X ICE FOG GROUND FOG 11.8 0.04 1 31.9 16.0 21.3 8.0 11.0 11.0 206 25.8 25.5 FOG THUNDER HAIL HAIL m N SNOW.
"GRAINS
"PELLETS
"SHOWERS 2.4 SLEET
" SHOWERS
ICE
CRYSTALS FREEZING RAIN FREEZING DRIZZLE 9.00 7:2 EX X 2.2 2.0 2.9 ... 9.9 DRIZZLE 2.0 1.2 2.9 3.2 ... - 2 1:1 3.3 RAIN 17.5 10.0 3.2 2.3 4.0 0.0 74 RAIN

VARIABLE

0

WNW NW NNN

WSW

3

0

SSW

SW

0

CALM

% TOTAL

TOTAL

0

0

TOTAL NUMBER OF OBSERVATIONS

1,240

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NAVWEASERVCOM

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BEAUFORT, SOUTH CAR

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JANUARY 1973-DECEMBER 1977 FEBRUARY

NO	45.5	40.5	45.5	55.0	62.7	80.0	57.7	53.1	44.9	37.9	51.7	6009	73.0	73.5	1.89	75.0		STATE OF THE PROPERTY OF THE P	169	57.7
SAND AND AND DUST																		$\bigvee$		
BLOWING	5.5															3.6		X	•	
SMOKE	21.8	40.5	33.3	22.5	21.6	13.3	23.1	26.0	30.4	37.9	23.3	19.8	19.1	16.9	12.8	17.0		X	255	22.6
ICE FOG GROUND FOG	3.6	21.6	9.1	7.5	5.0	6.7	1.1	10.0	15.0	12.1	18.3	16.0	3.5	3.6	10.6			V.	139	12.3
505	29.1	9.1	9.1	10.0	7.8		3.8	3.1	8.0	10.6	2.0	4.4	3.5	3.6	10.6	1.1		X	80	7.4
THUNDER								1.6										X	-	
HAIL SMALL HAIL																		X		
" GRAINS " PELLETS " SHOWERS	3.6															3.0		X	20	
SLEET " SHOWERS ICE CRYSTALS	7.3	2.7	6.1	2.5														X	8	
FREEZING RAIN FREEZING DRIZZLE		2.7	3.0															X	N	. 2
DRIZZLE	7.3	2.7	3.0	2.5			3.8					7.1	6.		1 . 2				12	1.1
RAIN					2.0			1.6	7.2	1.0	5.0		2.6	5.4					25	2.2
RAIN	12.7	13.5	6.1	7.5	9.9		3.8	3.1	3.5	10.6			1.7		2.1				39	3.5
WIND	z	NNE	NE	ENE	Ε	ESE	SE	SSE	S	SSW	SW	WSW	×	WNW	NN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

0

0

1,128

NAVWEASERVCOM

:026

BEAUFORT, SOUTH CAROLINA 93831 STATION

0

0

0

JANUARY 1973-DECEMBER 1977

ALL HOURS (L.S.T.)

MARCH

NO	50.0	46.3	46.9	34.6	43.2	58.1	54.7	63.4	50.3	***	51.9	51.5	11:1	67.3	0000	76.2		23	999	53.4
SAND SAND AND DUST											1.9	1.5						M	~	.2
BLOWING																		M		
SMOKE	26.1	53.9	58.0	30.8	58.4	25.6	5.07	20.7	59.0	30.0	32.7	38.2	8 02	23.0	1205			No.	312	29.5
ICE FOG GROUND FOG	2.2	9.3	12.2	13.5	18.2	6.3	13.1	7.3	18.4	13.0	7:7	5.9	5,8	3.8	\$2.5	4.8	3		166	13.4
50	23.9	20.4	18.4	26.9	17.0	14.0	11.3	9.6	6.5	11.1	5.6	4.4		3.8	17.5	14.3		N.	135	10.9
THUNDER			2.0	10	2.3			7.5		2.5						6.9		M	•	0.
HAIL SMALL HAIL																		M		
SNOW GRAINS PELLETS SHOWERS								-,-										M		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE	4.13		2.0	3.0	2.7	40.1	1.9	7.5						•	5.5	0.4		¥ \	13	1.0
RAIN	6.5		2.5	5.8	2.3	2.3	3.8	8.5	4.5	4.4	*	**		3.8	5.5	4.8	A	V	4	3.9
RAIN	6.3	1.4	1.,	5.0	6.4	6.3	1.9		2.8		1.9	1.5		6.1	2.0	6.4		N	33	1.7
WIND	z	NNR	Ä	ENE	B	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

0

0

TOTAL NUMBER OF OBSERVATIONS

1,237

0

0

JANUARY 1973-DECEMBER 1977 BEAUFORT, SOUTH CARDLINA

0

0

0

0

0

APRIL

NO	75.0	61.3	40.0	21.4	51.2	50.0	72.2	9.09	50.9	51.6	44.0	65.8	81.7	82.1	0.69	82.4		2 ×	706	58.9
BLOWING SAND AND DUST													. 8					$\bigvee$	-	.1
BLOWING																		X		
SMOKE	18.2	16.1	33.3	20.0	35.4	42.3	24.1	26.9	37.0	34.4	39.3	26.6	15.8	14.3	24.1	17.6		No.	340	28.4
ICE FOG GROUND FOG	9.1	25.8	16.7	28.6	8.5	11.5	3.7	11.5	9.5	10.9	10.1	7.6	1.7	3.6	6.9	5.9		V.	154	12.8
50	2.3	3.2	16.7	14.3	4.9	1.9	1.9	1.0	4.9	4.6	5.4	1.3	1.7					No.	4	0.4
THUNDER					7.5					1.6								X	*	6
HAIL SMALL HAIL																		X		
" GRAINS " PELLETS " SHOWERS																		X		
SLEET " SHOWERS ICE CRYSTALS																		X		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE									ç.	1.6					3.4			X	m	
RAIN			6.7		2.4		-	1.9	4.0	6.3	5.4		1.7					~	42	2.0
RAIN	4.3	8	6.7	10.7	6.4	1.9	1.9	30	9.		1.8							\$ \\ \	2.1	. 3
WIND	z	N N	NE NE	ENE	E	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	MN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,199

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STATES WIND DIR. VS WENTER

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

BEAUFORT, SOUTH CAROLINA

93831 STATION

JANUARY 1973-DECEMBER 1977

MAY

NO	39.3	27.1	34.5	27.8	32.9	45.8	46.8	45.6	47.8	43.0	47.3	44.2	54.5	45.4	50.0	48.4		N. C.	536	43.2
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	27.9	20.0	41.4	55.6	20.0	47.5	48.4	45.0	38.7	44.3	45.2	46.8	34.1	7.67	33.3	32.3		V	521	45.0
ICE FOG GROUND FOG	14.8	14.6	17.2	11:1	5.0	9.9	4.8	***	10.8	12.7	8.6	14.3	1.6	11.5	2.0	12.9		222	162	13.1
50	21.3	18.8	10.3	8.3	7.6		3	4.4	4.3	6.8			3.4	3.00	11:1	16.1		TV A	75	0.0
THUNDER	4.0				5.4		3.2	3.3	1.0	2.5			1.1	3.8	3.6	3.2		N X	21	1.1
HAIL SMALL HAIL														163				X		
SNOW " GRAINS " PELLETS " SHOWERS																		M		
SLEET " SHOWERS ICE CRYSTALS																		$\bigvee$		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE															2.0			X	0	2.
RAIN	9.9	8.3	3.4	2.8	9.6	3.4	4.8	6.6	2.2	3.1	1:1	1.3	::1	1.1	5.6	3.2		V V	4.7	3.6
RAIN	8.2	6.3		2.8	3.3				1:1							6.5			17	1.4
WIND	z	NNE	Ä	ENE	¥	ESE	SE	SSE	s	SSW	SW	WSW	×	WNW	MN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

0

TOTAL NUMBER OF OBSERVATIONS

1,240

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BEAUFORT, SOUTH CAROLINA 93831 STATION

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JANUARY 1973-DECEMBER 1977

NO	41.3	29.6	31.6	30.6	38.2	43.9	38.0	61.5	50.6	42.0	34.5	33.6	49.0	31.7
BLOWING SAND AND DUST														
BLOWING														
SMOKE	38.0	46.3	41.4	55.6	50.9	43.9	54.0	32,3	39.6	40.4	58.3	51.3	42.7	48.8
ICE FOG GROUND FOG	18.5	24.1	26.3	8.3	9.1	4.0	8.0	3.1	9.9	10.1	10.7	18.8	16.7	14.6
50	12.0	9.3	13.2	8.3		4.9	2.0	1.5	1.8	4.3	1.2	1.3		7.3
THUNDER	3.3	5.0	5,3	3.6	7.3	7.3	2.0	1.5	5.4	1.4	3.6	1.3	2.1	4.9
HAIL SMALL HAIL														
SNOW " GRAINS " PELLETS " SHOWERS														
SLEET " SHOWERS ICE CRYSTALS														
FREEZING RAIN FREEZING DRIZZLE														
DRIZZLE	1.1											1.3		
RAIN	8.7	13.0	10.5	11:1	12.7	17.1	2.0	3.1	6.0	7.2	4.8	6.3	4.2	7.3
RAIN				2.8										2.4
WIND	z	NNE	NE	ENE	W	ESE	SE	SSE	S	SSW	SW	WSW	*	WNW

TOTAL NUMBER OF OBSERVATIONS

1,200

39.3

551

17.3

48 4.0

39

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X

VARIABLE

NN W

CALM

TOTAL % TOTAL

0

34.4

50.0

37.9

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ALL HOURS (L.S.T.)

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

10/6

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YEARS	Y 1973-DEC
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	JANUAR
	VV
ON NAME	CAROLI
STAT	SOUTH
	RTS
	BEAUFURT
Z.	_
STATIC	93831

NO	10.0	11.1	4.6	40.5	35.7	40.0	39.6	46.8	26.0	22.5	16.7	20.0	11.1	8.7	8.3	8.3		V/	294	23.7
BLOWING SAND AND DUST																		X		
BLOWING																		X		
SMOKE	0.09	61.1	78.1	47.6	54.3	51.1	47.9	44.3	63.5	65.2	72.5	69.6	10.4	13.9	75.0	41.07			773	65.3
GROUND FOG	90.0	38.9	18.8	14.3	4.3	6.7	4.2	3.1	12.0	15.7	24.2	55.4	20.8	17.4	25.0	2.62		XX	264	21.3
509	10.0	8.3	3.1	2.4	4.3	*.4	2.1	2.5	2.0	3.4	2.5	3.5	4.2	4.3		29.5		XX	4	3.5
THUNDER	3.3				6.3	2.2	2.4	1.6	0.4	2.2	5,8	4.1	2.4	4.3	6.9	6.3		X	14	3.3
HAIL SMALL HAIL																		X		
SNOW "GRAINS "PELLETS "SHOWERS																		X		
SLEET " SHOWERS ICE CRYSTALS																		X		
FREEZING RAIN FREEZING DRIZZLE	,																	$\bigvee$		
DRIZZLE								1.3										X	1	
RAIN		8.2	3.1	2.4	1.1	2.2	8.3	0.3	2.0	2.6	6.7	4.6	2.4	8.7	50 · 33	8.3		X \	6.1	6.0
RAIN		2.8				2.2	2.1									4.2		N N	30	
WIND	z	NNE	NE	ENE	3	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	MN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

0

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TOTAL NUMBER OF OBSERVATIONS

1,240

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BEAUFORTS SOUTH CARDLINA

93831 STATION

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JANUARY 1973-DECEMBER 1977

AUGUST

HOURS (L.S.

NO	9.0	13.6	13.6	35.7	40.4	52.1	38.3	44.7	39.5	23.5	19.1	16.1	22.1	6.3	29.4	6.3		V.	312	25.2
BLOWING SAND AND DUST																		X		
BLOWING																		X		
SMOKE	56.2	65.2	74.6	52.4	2.44	39.6	53.2	47.1	48.4	64.6	72.1	4.69	01.8	50.3	41.2	71.9		V	706	56.9
ICE FOG GROUND FOG	34.8	45.5	20.3	9.5	5.6	2.1	2.1	5.9	8.9	14.8	16.2	35.5	19.1	43.8	23.5	31.3		V A	301	24.3
50	22.5	9.1	1.7	4.8	2.6	6.3	2.1	5.4	2.4	4.9	9.6	4.8	11.8	6.3	17.6	21.9		0	96	7.7
THUNDER	4.5	3.0			2.6	12.5	4.0	8.9	4.8	4.9	1.5	1.0	5.9		11.8	6.9		X	43	3.5
HAIL SMALL HAIL																		X		
SNOW. " GRAINS " PELLETS " SHOWERS																		X		
SLEET " SHOWERS ICE CRYSTALS																		X		
FREEZING RAIN FREEZING DRIZZLE															i			X		
DRIZZLE												1.6	1.5					X	2	. 2
RAIN	9.0	9.1	1.7	2.4	5.2	8	8.8	3.5	4.4		1.5	4.8	5.0	6.3	11.8	9.6		N N	62	5.0
RAIN			1.7						60	2.5			1.5	6.9		6.3		X	80	9.
WIND	z	M X X	Ä	ENE	W	ESE	SE	SSE	s	MSS	NS.	WSW	*	WNW	WN	ANN	VARIABLE	CALM	TOTAL	% TOTAL

0

0

TOTAL NUMBER OF OBSERVATIONS

1,240

0

0

BEAUFORT, SOUTH CAROLINA

93831

0,6

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JANUARY 1973-DECEMBER 1977 SEPTEMBER

ALL HOURS (L.S.T.)

NO	29.7	19.6	20.6	22.6	34.4	27.3	40.0	32,6	34.4	32.7	12.2	21,8	28.1	21.7	42.3	15.6	4	No.	306	25.5
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		M		
SMOKE	50.0	55.1	57.1	2.49	20.7	29.1	48.0	55.6	40.1	54.5	03.4	5000	32.0	2000	38.3	1.00		2200	840	24.0
ICE FOG GROUND FOG	16.1	19.6	6.6	11.3	4.4	6.8	6.2	4.7	14.4	10.4	26.8	27.3	21.1	13.0	7.67	58.9	4		234	19.5
50	14.4	23.4	17.5	3.8	4.4	6.8	8.6			9.1	14.6	9.1	8.8	6.7	3.8	13.3		Z Z	143	11.9
THUNDER				5.7	2.2	4.5	2.9	2.3	3.0	3.5	5.6		0.0	4.3	1.01	4.4	4	X X	28	2.3
HAIL SMALL HAIL																		M		
GRAINS " GRAINS " PELLETS " SHOWERS																		$\bigvee$		
SLEET S " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		M		
DRIZZLE	1.1																	M	~	7.
RAIN	3.4	1.9	3.2	5.7	8.0	9.1	5.9	14.0	9.6	10.9	5.5	6.	3.3	6.9	3.8	6.1	, A 100	X	00	2.0
RAIN	2.5	6.5	6.6	3.8		4.5			2.2			1.0						Š V	22	1.0
WIND	z	NNE	Ä	ENE	W	ESE	SE	SSE	s	SSW	SW	WSW	*	MNM	N.	ANN	VARIABLE	CALM	TOTAL	% TOTAL

0

0

0

TOTAL NUMBER OF OBSERVATIONS

1,200

0

0

NAVWEASERVCOM

JANUARY 1973-DECEMBER 1977 BEAUFORT, SOUTH CAROLINA 93831 STATION

OCTOBER MONTH

NO	52.4	60.7	35.8	50.0	43.8	45.9	25.0	35.7	39.1	43.3	43.8	52.2	62.8	69.2	45.7	1.64		N. C.	581	46.9
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		M		
SMOKE	31.0	31.6	48.1	45.9	51.6	51.4	0.09	60.7	47.8	40.1	46.9	37.0	30.2	25.6	25.7	29.1			493	39.8
ICE FOG GROUND FOG	13.9	8.5	17.3	2.4	1.6	8.1	10.0		15.2	6.7	12.5	4.3	3.5	7.7	14.3	14.5		2.5	190	15.3
50	9.8	4.3	7.4	2.4	1.6			7.1	2.2	6.7	6.3	6.3	4.7	2.6	20.0	12.7		X	10	6.1
THUNDER	1.1					2.1						6.3						M	*	*
HAIL SMALL HAIL																		M		
SNOW "GRAINS "PELLETS "SHOWERS																		M		
SLEET S " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		M		
DRIZZLE	·.			2.4											5.7			M	4	
RAIN	1.6	6.		5.4	3.1			7.1	10.0				1.2		5.9			X	17	1.4
RAIN	2.1		3.7			2.7	5.0	7.1	2.2	3.3			2.3			3.6		X	1.3	1.3
WIND	z	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	*	MNM	MN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

0

1,240

5708% FRE 89 NAL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

BEAUFORT, SOUTH CAROLINA 93831 STATION

0

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0

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0

JANUARY 1973-DECEMBER 1977

NOVENBER

NO	43.5	57.1	47.9	68.6	67.3	63.2	27.3	45.7	40.7	36.2	***	46.0	68.3	71.9	51.3	24.5		XX	602	50.5
SAND AND DUST																		X		
BLOWING																		X		
SMOKE	27.2	26.8	29.2	51.6	5 . 92	1172	*00	20.0	40.1	9.00	58.9	32.8	25.2	22.8	35.9	18.8		V	331	9.12
ICE FOG GROUND FOG	9.6	3.6	2.1	3.9	2.0	10.5	1.6	11.4	13.1	1.42	20.0	52.4	1.0	3.5	5.1	14.0	8	V	176	1.6.
50	20.7	14.3	20.8	7.8	6.1	10.5	18.2	28.6	12.8	6.9	15.6	3.4	4.8	1.8	10.3	14.6	100		148	12.3
THUNDER																		X		
HAIL SMALL HAIL																		X		
SNOW "GRAINS "PELLETS "SHOWERS			- 7															X		
SLEET " SHOWERS ICE CRYSTALS																		X		
RAIN RAIN FREEZING DRIZZLE																		X		
DRIZZLE	5.4		2.4	2.0			4.3		1.2					1.8	3.1	1.2		X	16	1.3
RAIN		1.8	2.1	3.9		1	9.1			1.7			1.2		9.7			N A	1,4	1.2
RAIN	5.4	7.1	6.9		2.0	5.3	4.5		3.3	1.1	207					2.4			28	6.3
WIND	z	NNE	N.	ENE	W	ESE	SE	SSE	v	SSW	SW	WSW	*	ANA	MN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

0

0

Q

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

0

0

0

1,200

0

NAVWEASERVCOM

BEAUFORT, SOUTH CAROLINA

JANUARY 1973-DECEMBER 1977 DECEMBER

NO	0.49	63.2	46.0	50.0	58.3	50.0	56.3	33.3	42.5	27.8	48.1	68.5	68.8	64.3	59.6	65.4		No.	653	52.7
BLOWING SAND AND DUST																		M		
BLOWING																		$\bigvee$		
SMOKE	16.0	17.6	30.0	30.6	25.0	21.4	16.8	38.1	24.2	27.8	27.8	9.6	1001	52.9	1.1	11.5		V	502	21.3
ICE FOG GROUND FOG	6.4	9.0	8.0	11.1			6.9	4.0	10.8	23.6	9.6	8.2	2.2	5.9	5.8	1.1		7	123	6.6
50	14.7	16.2	18.0	16.7	16.7	28.6	12.5	26.2	20.0	16.7	16.7	13.7	13.4	11.4	56.9	19.2		Z A	216	17.4
THUNDER										1.4								M	1	• 1
HAIL SMALL HAIL											-							M		
SNOW " GRAINS " PELLETS " SHOWERS																		$\bigvee$		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		M		
DRIZZLE	2.7	1.5							1.7	1.4	1.9		2.2	1.4	6.1	3.0		Ŷ	18	1.5
RAIN	1.3	1.5	2.0	2.8	4.2	28.6	6.9	5.4	3.3	8.3	* 2 **	1.4	• •		1:0			V V	26	2.1
RAIN	8.0	8.8	12.0	8.3	8.3	14.3	12.5	10.7	8.3	8.3	6.8	4.1	2.7	6.5	9.6			ZY X	8	7.2
WIND	z	NNE	NE	ENE	3	ESE	SE	SSE	s	MSS	SW	WSW	*	WNW	WN	ANN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

NAVWEASERVCOM

1/6

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BEAUFORT, SOUTH CAROLINA 93831 STATION

JANUARY 1973-DECEMBER 1977

ALL HOURS (L.S.T.)

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NO	45.9	40.4	34.0	40.1	45.4	48.2	46.0	48.6	45.6	35.4	37.5	46.1	59.8	62,0	53.9	7.94			6412	43.9
BLOWING SAND AND DUST											7.							M	~	0.
BLOWING																2.		X	*	0.
SMOKE	33.0	38.5	44.0	42.3	+1.4	2.04	40.0	36.1	40.0	2.99	47.8	36.8	1.62	50.4	5. 42	31.8			5451	37.3
ICE FOG GROUND FOG	14.8	17.2	13.5	10.0	0.0	1:1	0.0	7.2	13.0	10.7	14.4	15.3	8.5	4.7	11.0	1001		1	2288	15.7
F0G	10.4	13.6	13.1	10.6	6.8	6.9	6.3	7.6	9.9	9.1	0.0	5.4	6.1	5.8	13.7	15.4		V	1317	0.6
THUNDER	1.0			1.0	2.1	2.8	2.0	2.1	1.8	1.9	1.1	1:1		•	0.1	2.0		X	190	1.3
HAIL SMALL HAIL																		X		
SNOW. " GRAINS " PELLETS " SHOWERS	.2												•			7.		X	9	0.
SLEET " SHOWERS ICE CRYSTALS		1.		.2														X	8	•1
FREEZING RAIN FREEZING DRIZZLE	•	•	2.															$\bigvee$	6	0.
DRIZZLE	2.5		7.5	1.4		4.			2.	2.		* •		6.0	2.8	0.1		X	108	
RAIN	3.2	2.8	3.5	3.5	5.3	3.5	4.0	3.1	4.8	2.0	2.8	3.6	1.9	2.3	2.3	5.5	N 100	X	472	3.5
RAIN	4.5	0.0	4.3	3.5	2.2	1.9	1.8	5.9	5.5	2.8	1:1	6.	1.3	1.8	6.3	3.6			358	5.5
WIND	z	NNE	NE	ENE	3	ESE	SE	SSE	s	SSW	MS	MSM	M	MNM	MN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

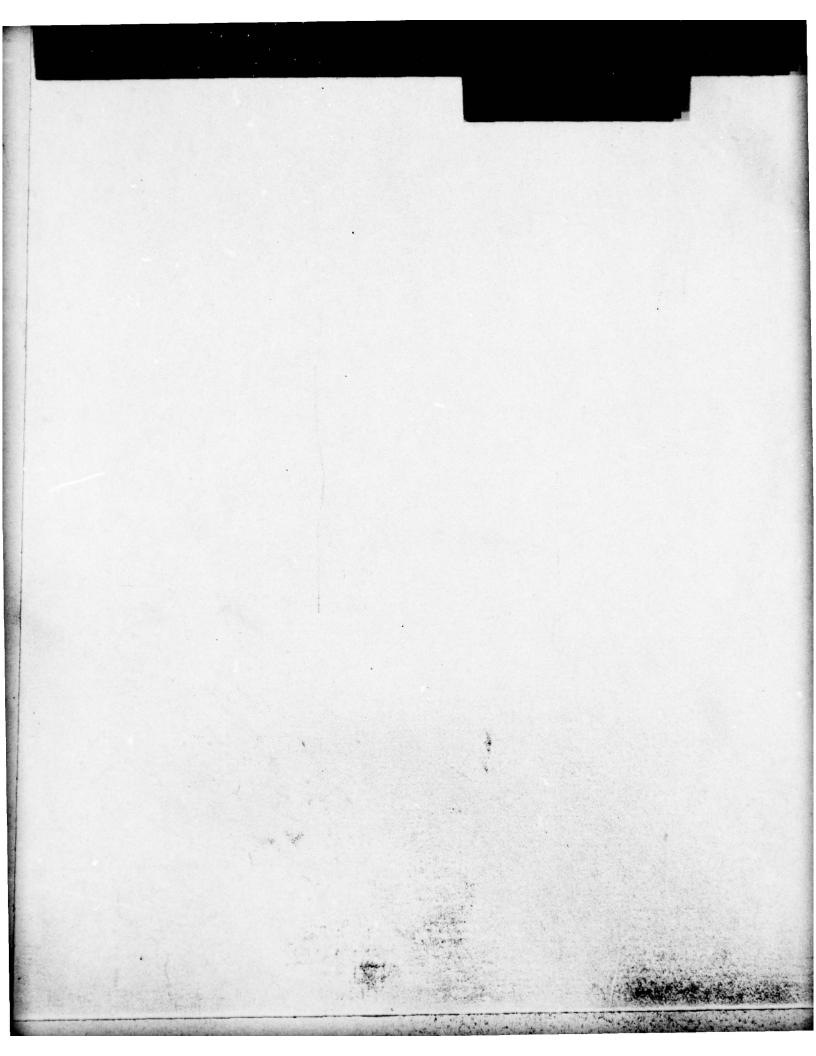
TOTAL NUMBER OF OBSERVATIONS

0

14,604

0

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#### PART B

## PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

#### PRECIPITATION

SNOWFALL\*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

- The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have ilmited use and and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual may be misleading.
- The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing. ö

Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Snow depth Snow depth Snow depth	
From beginning of record thru 1945 Jan 46-May 57 Jun 57-present	
Air Force Stations From Jan Jan	

at 1230 GCT at 1200 GCT

at 0800 LST

Snow depth at 0030 GCT Snow depth at 1230 GCT Snow depth at 1200 GCT From beginning of record thru Jun 52 Jul 52-May 57 Jun 57-present Bureau Stations

\* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

#### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

BEAUFORT, SOUTH CARDLINA

57-77

INTS		LEAST		1.02	.90	.63	.10	2.21	.92	5.69	3.24	.59	.0	.31	1.10	X
MONTHLY AMOUNTS	INCHES	GREATEST		5.64	69.9	8.68	6.16	0.52	3.57	19.12	8.02	1.78	0.35	7.25	6.32	X
MONT		MEAN		3.45	3.37	4.21	2.72	4.5710.52	5.6913.57	7.38	8.4118.02	4.1111.78	2.9010.35	2.23	3.08	12.09
	ž o	9 S		620	565	620	600	620	900	620	620	570	620	630	651	733652.09
PERCENT	OF DAYS	MEASUR-	AMTS	33.7	32.6	33.1	21.8	28.7	36.8	45.5	41.0	30.4	19.7	20.5	28.0	31.0
	OVER 20.00	OVER 50.4	OVER 120													
	10.01-20.00 OVER 20.00 OF DAYS	25.5.50.4	61-120													
	9.01-10.00	15.5-25.4	49.60								•			4.2		1.
	2.51-5.00	10.5-15.4	37.48					•	1.2	1.3	1.1				.3	
	1.01-2.50	4.5-10.4	25-36	2.3	2.5	2.9	1.8	4.2	4.0	5.3	7.4	3.5	2.9	1.0	2.2	3.4
CHES)	.51.1.00	4.5.6.4	13.24	8.8	4.0	7.4	3.0	3.9	6.7	6.9	7.4	4.6	2.3	1.9	3.7	5.2
AMOUNTS (INCHES)	.2650	3.5.4.6	7.12	4.8	5.3	6.1	5.0	5.8	7.8	7.9	0.0	4.2	2.7	4.2	5.5	5.3
AMO	.n25	2.5.3.4	4.6	0.6	7.3	1.9	3.7	4.7	6.9	9.1	5.5	9.6	4.0	4.6	6.6	0.9
	0190.	1.5.2.4	•	3.7	3.5	3.9	3.2	2.6	4.0	5.5	3.1	3.3	2.4	2.5	3.2	3.4
	02.05	71.	2	5.3	:	:	3.3	9.0	9.0	7.1	4.0	6.1	0.4	0.0	4.9	5.3
	6.	0.1-0.4	-	2.7	2.8	1.9	1.5	1.9	1.3	1.8	1.5	2.3	1.0	1.0	1.5	1.8
	TRACE	TRACE	TRACE	8.5	4.6	8.5	9.5	11.6	10.5	10.3	4.6	11.6	9.0	6.7	8.9	9.5
	NON	NON	NON	57.7	1.86	98.4	68.7	99.7 11.6	52.7	44.2	49.7	58.1 11.6	73.7	10.8	63.1	99.6
	PRECIP.	SNOWFALL	SNOW.	NAL	2	7	APR	MAY	N	107	AUG	35	50	NON	DEC	ANNUAL

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5722 Daily Amounts Jan. 1969

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

BEAUPORTS SOUTH CAROLINA

INTS			LEAST	0.	••	•	.0		.0	.0		0	0.	0.	•	X
MONTHLY AMOUNTS	(INCHES)		GREATEST	2.0	4.0	.3	0.	0.	•	0.	•	0.	0.	•	RACE	X
MONT			MEAN	.2	•	620TRACE	0.	0.	0.	0.	0.	•	0.	•	<b>SSITRACETRACE</b>	9.
	NO.	9 0		620	365	6201	900	620	600	620	620	570	620	630	6517	7336
PERCENT	OF DAYS	MEASUR-	AMTS	6.5	4.	.2										1.
	OVER 20.00	OVER 30.4	OVER 120													
	0.01-20.00	25.5-50.4	61-120													
	2.51-5.00 5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	15.5-25.4	49.60													
	2.51-5.00	10.5.15.4	37.48													
	1.01-2.50	6.5.10.4	25.36													
CHES)	.51.100	4.5.6.4	13.24		.2											0.
AMOUNTS (INCHES)	.2650	3.5-4.4	7.12													
AMC	M25	2.5.3.4	4.6													
	01-90	1.5.2.4														
	.0205	0.5-1.4	7		.2											1.
	10.	9.1-0.4	-			.2										
	TRACE	TRACE	TRACE	2,7	1.0											*
	NONE	NON	NON	96.8	1.86	\$ . 66	100.0	0.001	0.001	100.0	100.0	100.0	100.0	100.0	99.5	6.66
	PRECIP.	SNOWFALL	SNOW.	JAN	2	MAR	APR .	MAY	NOT	101	VNG 1	Ser	100	VON	DEC	ANNUAL 99.5

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## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

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BEAUFORTS SOUTH CARDLINA

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						WW	AMOUNTS (INCHES)	NCHES						INSCREEN		NOM	MONTHLY AMOUNTS	STNUC
PRECIP.	NON	TRACE	10.	.0205	0190.	.1125	.2650	.51.1.00	1.01-2.50	2.51-5.00	5.01.10.00	10.01-20.00	5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	OF DAYS	NO.		(INCHES)	
SNOWFALL	NON	TRACE	0.1-0.4	0.5-1.4	1.5.2.4	2.5.3.4	3.5.4.4	4.5.6.4	6.5.10.4	10.5-15.4	15.5.25.4	25.5.50.4	25.5-50.4 OVER 50.4	MEASUR-	9 0 8	1		-
SNOW.	NON	TRACE	-	2	9	4-6	7.12	13.24	25.36	37.48	49-60	61-120	OVER 120	AMTS		MEAN	OREALES	2
NAL	4.66	5.												15	620		ō	
2	99.6		.2			.2								*	537			
MAR	100.0														620			
APR	100.0										1				900			
MAY	100.0														620			
NOT	100.0														900			
זחר	100.0														620			
AUG	100.0	(E)						rege T							620			
SEP	100.0														570			
50	100.0														620			
NO NO	NOV 100.0														630			
DEC	99.7	.3													651			
ANNUAL	ANNUAL 99.9	-:				0								0.	7308		$\setminus$	X

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PRECIPITATION (FROM DALLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

93831 STATION

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24 HOUR AMOUNTS IN INCHES

MONTHS	1.88		3.90	6.16	3.45	5.78	3.95	2.83	2.43	3.20	2.84	6.86	3.07	5.07	3.17	1.58	3.01	3.51	4.88	3.66		3.75	1.416	7336
DEC.	1.00	. 62	74.	.93	.39	.95	2.88	1.12	89.	1.15	2.84	1.23	1.04	1.82	1001	1.49	1.72	16.	1.28	1.27		12.1	. 660	169
NOV.	1.00	1.04	1.19	18.	.63	===	. 90	2.13	11.	.37	1.28	0.80	.13	1.28	2.32	. 30	66.	66.	1.82	24.	À	1.26	1.413	0.30
OCT.	1.30		*	-	1.60	61.	2.49	1.38		.24	2.07	10.	3.07	1.80	.05	.32	0.	26.3	1.93			_	1.204	-
SEP.	.78		3.90	. 28	2.76	1.33	1.93	1.12	19.	.58	. 81	2.80	. 60	15.	1.23	1.34	1.40	1.57	4.39	2,38	***	1991	1.162	
AUG.	1.69		2.53	6.16	2.12	5.78	3.95	2.21	1.23	2.08	1.17	5.88	2.07	5.07	2.26	1.35	3.01	2.27	1.50	1.96		2.77	1.660	950
JG.	.87		2.63		66.	1.40	3.89	1.76	1.99	3.20	1.44	.82	1.33	2.21	1.50	1.54	1.31	1.72	1.59	9.00		2.03	1.073	029
Ž.	16.	06	1,45	. 85	3.45	3.91	1,05	2.83	1.30	. 5	2.39	3.40	39	1.30	3.17	1.58	1,54	2.84	3.24	2.40		1.99	1.105	
MAY	1.38			-	. 4.		2.66	1.62	2.35	1.95	1.17	3.43	1.91	1.10	1.20	.71	2.21	3.00	2.18	1.89		1.80	.863	029
APR.	1.88		. 80	1.96	1.37	. 89	1.17	2.30	1.31	.70	.61	.29	. 48	1.70	60.	1.04	. 47	3.51	4.88	29.	- 3	1.34	191-1	000
MAR.	1.30	2.74	. 57	29.2	1.18	. 18	1.25	1.27	2.43	69.	.39	2.23	1.83	1.05	1.38	1.38	.56	1.45	69.	1.60	7 1	1.34	.737	029
•	1.07		1.42		.32		2.45	2.	1.45		*6.	1.00	• •	1.32			1.29	. 68	.73	.65		1.10	. 485	595
JAN.	1.11	.68	1.70	. 80	1.30		1.34	.54	1.23		9.		1.26		1.47	1.04	.39	. 95	1.47	1.40		1.10	.355	029
YEAR	V 80	50	00	61	62	63	30	69	99	10	99	69	70	14	72	73	14	7.5	76	44		MEAN	S. D.	TOTAL OBS.

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PRECIPITATION

BEAUFORT, SOUTH CAROLINA

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SNOWFALL (FROM DAILY OBSERVATIONS)

24 HOUR AMOUNTS IN INCHES

BEAUFORT, SOUTH CAROLINA STATION NAME

93831 STATION

0

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0

0

ALL	1.2			TRACE	TRACE	0.	TRACE	TRACE	1.0	0.	TRACE	•	TRACE	TRACE	TRACE	***	•	0	TRACE	1.0		T	. 52	1.478	7336
DEC.	TRACE	0.	0.	0.	•	0.	0	0.	•	0.	0.	0.	0.	0.	0.	TRACE	0,	?	0.	•			TRACE	000.	169
NOV.	0.0	0.	•	0.	•	0.	•	0.	•	0.	•	0.	•	•	•	0.	0	0.0	0.	•			00.	000.	030
OCT.	0.	0.	•	0.	•	0.	•	0.	0.	0.	•	0.	•	0.	?	0.	•	0.0		0.	2 3		8.	000.	029
SEP.			0.	•	•	0.	•	0.		•	•	•	•	•	•	•	•	0.0	0.	•	8 8 8 8 8		00.	000.	570
AUG.	0	0.	0.	0.	•	0.	•	0.	•	0.	•	0.	•	0.	•	•	•	0.	0.	•	10.00		00.	000.	029
JUL.		•	•	0	•	0.	•	0.	•	0.	•	•	•	0.	•	0.	•	•	0.	•			06.	0000	950
JON.	.0		•	•	0	0.	0	0.	0	0.	•	0.	0	0.	•	0.	0.	0	0.	•	*		00.	000.	009
MAY		0	0	0	0	0.	•	0.	•	0	•	•	TRACE	•	•	0.	0	0	•	•	34 34 38 32		TRACE	000.	950
APR.	0	0.	•	0.		0.			0.	0.	•	0.	0.	•	•	0.	•	0.	0.	o.	10.60		00.	000.	000
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SNOWFALL FROM DAILY OBSERVATIONS

/BASED ON LESS THAN FULL MONTHS/ BEAUFORT, SOUTH CARDLINA STATION NAME

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SNOW DEPTH

DAILY SNOW DEPTH IN INCHES

BEAUFORT, SOUTH CAROLINA STATION NAME

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SNOW DEPTH

/BASED UN LESS THAN FULL MONTHS/ 57-77

BEAUFORT, SOUTH CAROLINA STATION NAME

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SNOWFALL

PRECIPITATION

## DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA BEAUFORT, SOUTH CAROLINA

93831 STATION

JANUARY

STATION NAME

1958-1977

YEARS

FEBRUARY

2	Ē	PRECIPITATION	N C	. w.o.	SNOWFALL	
7 2	INCHES	MM	DATE	INCHES	MM	DATE
•	1.00	25	1972			
2	1.00	25	1973			
8	1.08	27	7461			
4	1.39	35	1959			
2	1.42	36	1960			
9	0.35	0	1961			
7	96.0	52	1961			
8	1.32	34	1971	-	-	1968
6	0.77	20	1961	•	-	1973
10	99.0	16	1973	4.0	163	1973
=	9990	1	1963	-	-	1958
12	1.55	39	1972			
13	1.20	30	1960	1.2	30	1958
14	1.27	32	1965			
15	1.00	25	6961			110
16	1.29	33	1974			
17	1,10	92	1965			
18	5.43	29	1961		-	1973*
19	0.57	*1	1963	•	-	1972
20	0.07	2	1973			
21	60.0	2	1962#			
22	68.0	12	1975			
23	28.0	12	1961		-	1961
24	1043	36	1963		1	1961
25	16.0	52	6661			
26	1001	12	1958			
27	1.45	37	1904			
28	1.45	37	1966			
29	0.28	7	1968			
30						
31						
Monthly	2.45	62	1904	9.0	191	1973

1970# 1964

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34 1964

24 1967

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1977	62	1.0	1900	*	1.00	Monthly
1977	52	100	1959	20	29.0	31
			1960	43	1.70	30
			1974#	2	0.39	29
			1973	20	1.00	28
1960	52	1.0	1976	37	10.67	27
1960+			1961	17	0.65	26
1961	-		1966	23	06.0	25
			1958	12	0.83	24
1970	-	-	1975	12	18.0	23
			1966	3.1	1.23	22
1960			1950	42	96.0	21
1960	1	1	1963	52	1.16	20
1971	1	1	1975	14	0.57	19
1977	52	1.0	1960	12	0.40	18
1976	-		1964	22	0.58	17
			1959	9	0.25	16
1968	1	•	1966	18	0.10	15
			1972	37	1.001	14

• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

0 0

BEAUFORTS SUUTH CARDLINA

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

STATION NAME

MARCH

1958-1977

YEARS

APRIL

MONTH

VFALL ATEST

DATE

SNOW	2																													
O S	INCHES																													
z	DATE	1973	1960	1973	0967	1441	1963	1973	1961	1961	1958	2961	1961	1970	1975	1958	1958	1969#	6961	1959	1975	161	1958	1071	1961	1961	1965	1001	1958	9967
PRECIPITATION	WW	97	02	7.1	5	62	23	7	22	36	-	35	20	2	68	48	1	-	•	13	0	2	~	43	14	0	96	12	14	33
PRE	INCHES	1.04	0.80	0.56	0.16	1.16	0.89	0.28	0.86	1.40	0.27	1.37	1.96	0.08	3.51	1.88	0.29	-	01.0	0.52	0.22	61.0	0.08	1.70	0.56	0.25	2.30	28.0	0.55	16.1
	DAY	-	2	3	4	2	9	7	8	6	10	=	12	13	14	15	16	17	18	19	20	21	22	23	24	25	56	27	28	20

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PRECIPITATION GREATEST	MM	20	30	30	95	10	30	33	35	20	91	•	26	11	16	17	35	*	67	21	99	14	23	26	37	22	26	5	17	13	31	62
PR	INCHES	0.79	1.18			41.7	1.17	1,30	1.38		69.0	0 30			69.0	0.56	1.38	0.17	29.2	94.0	1.83	0.50	06.0	12.1		0.85		020	0.00	1600		26.0
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• ALSO ON EARLIER YEARS T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

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93831 STATION

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA BEAUFORT, SOUTH CAROLINA

STATION NAME

1958-1977

YEARS

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MONTH

SNOWFALL Σ INCHES 1967 DATE PRECIPITATION Σ DAY n

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SNOWFALL

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T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD \* ALSO ON EARLIER YEARS

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STATION 93831

ASHEVILLE, NORTH CAROLINA

NAVAL WEATHER SERVICE DETACHMENT

BEAUFORT, SOUTH CARDLINA

STATION NAME

MONTH

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1958-1977

YEARS

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SNOWFALL

PRECIPITATION GREATEST

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-	1.62	14	1961			
2	1.10	28	1976			
3	5.58	149	1969			
4	2.86	73	6961			
2	06.0	23	1966			
9	10.6	16	1974			
7	2.27	56	1975			
8	2.50	92	1974			
6	2.07	53	1970			
10	1.46	37	1974			
=	2.53	10	1960			
12	1.45	37	161			
13	1.96	20	1961			
14	64.0	12	1977			
15	5.78	147	1963			
16	2.07	621	1461			
17	2.20	96	1/61			
18	1.96	20	1977			
19	0.86	22	1961			
20	2.86	7.3				
21	10.1	92	1973			
22	0.77	20	1461			
23		62				
24	0.10	19	1970			
25	1.03	92	1971			
26	6.16	156	1961			
27	21.5	16	2961			
28	3.95	001	1961			
29	46.2	69	1904			
30	1.50	38	1976			
31	66.2	10	6967			
Monthly	9.10	196	1961			L

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• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

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93831 STATION

OCTOBER MONTH

## DAILY EXTREME AMOUNTS

1958-1977

YEARS

DATE SNOWFALL Σ INCHES 1964 1969 1966 1965 1965 1961 197 1962 1971 DATE 1964 1971 PRECIPITATION GREATEST 45 92 9. 04 74 Σ 1.04 1.58 19.0 1.39 1.66 09.0 20.0 1.80 0.57 0.77 INCHES DAY 12 4 S 9 œ 0 9 =

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		SEPTEMBER	ON SNOWFALL GREATEST	DATE INCHES   MM   DATE	1969	1969	1977	1977	1959	1962	1959	1960	1967	1964	1961		2772	1976	1958	1975	1975	0961	1956	1961	1953	197	-	6	1973	1970	1960	1959	LOBA
PRECIPITATION GREATEST MM D D D D D D D D D D D D D D D D D D			PRE	NCHES	. 80	.86	.85	.38	• 15	. 76	114	070	0.55	.93	06.	1001	.23	4.39	0.78	12.	1.37	90.		90.0		6900	900	42.0		09.0		09 . 6	64.

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\* ALSO ON EARLIER YEARS

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

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Monthly

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93831 STATION

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

93831 STATION

BEAUFORT, SUUTH CARDLINA

STATION NAME

MONEMBER

1945-1945 1957-1977

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SNOWFALL

PRECIPITATION

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-		-					1		ALC: NO		L
111	1461	1961	1961	161	2701	1976	1973	6961	6961 16	9167	
26	9	7.2	13	13	92	33	33	80	16	14	
1951	0.24	49.2	2.88	0.53	1001	1.28	16.1	0.31	1.23	0.65	
	2	3	4	9	9	1		6	0	1	

	6961	1969	9167	1976	1963	141	1014	1973	1975
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	16.0	1.23	0.65	12.1	0.49	1.08	1.72	1.49	0.97
-	6	10	11	12	13	14	15 .	16	17

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	69.0	1.08	1.72	49.1	16.0	0.56
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T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

ALSO ON EARLIER YEARS

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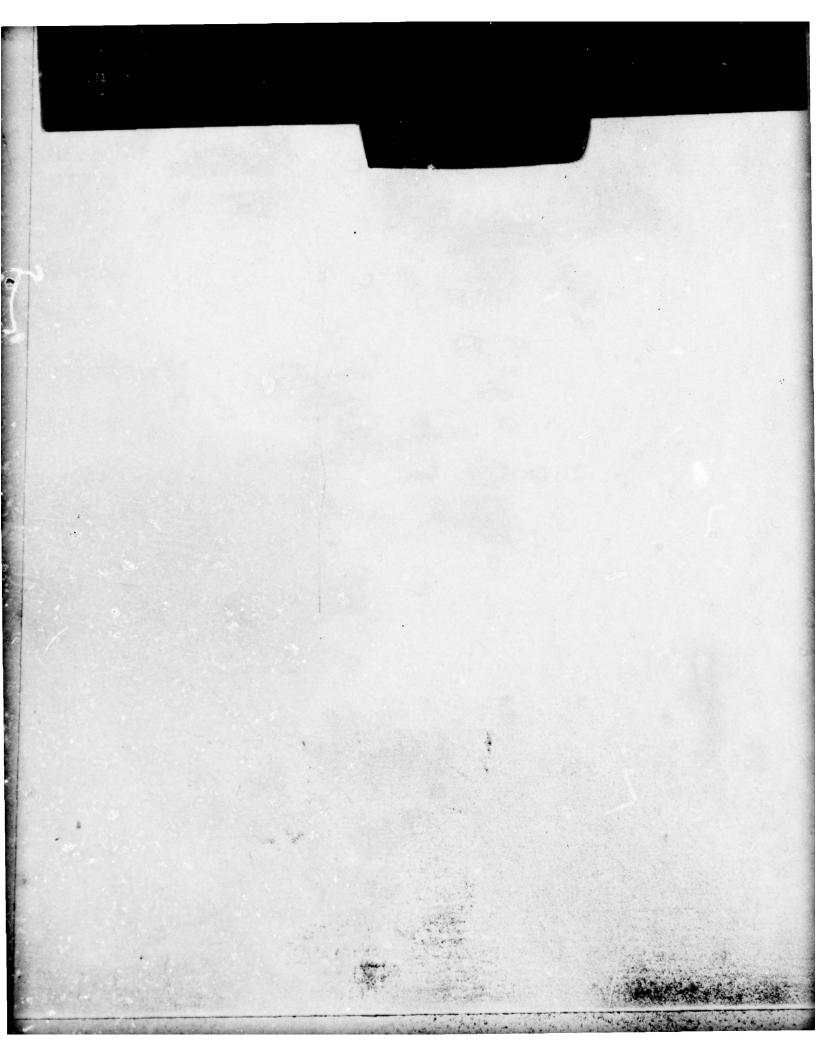


174 1969

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Monthly

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Asheville, N. C.

PART C

## SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided. When 90% or more of the dally observations of peak gust wind data are available for a month, the extreme is period. Every month of a year must have valid observations present before the ALL MONTHS value is selected selected and printed. These values are then used to compute means and standard deviations for the entire for that year. Means and standard deviations are computed when four or more values are present for any

specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders." NOTE: According to G

percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a wind speed for each direction. A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- Three tables are prepared for all surface winds included, and for all years combined as follows:
- 1) Annual all hours combined
- (2) By month all hours combined
- (3) By month by standard 3-hour groups
- A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRIMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet. Ď.

ू

SURFACE WINDS

DAILY PEAK GUSTS IN KNOTS

BEAUFORT, SOUTH CAROLINA

STATION

0 0 0

	90		52		20	43	84	40	43	0	30	46	35			55			•			46.5	67	4790
MONTHS	3		37		w Z	-	SSE	*	ZZZ	3	323	ENE	Z			28			32			1	7.067	-
ن	9 6	16	30	30	37	31	26	28	58	36	34	56	33		35	33	30	34	35			32.6	3.761	586
DEC.	3 2	30M	3 2	Z	Z Z	3	z	Z	323	3625 W	325	4655W	BLENE		00	3020	. 7	2725	50					
NOV.		1				43	36	32	37	39				3	30	30		22	30			33.1	0.468	580
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_	30	36#	27K		SEGE	365	17	SOF	45551	32N	272	26E	300	392	•	3005	167	30	352	3		=	0	1
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SURFACE WINDS

BEAUFORT, SOUTH CAROLINA

57-77

/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH!

YEAR	66		11	72 28	1,4	13		MEAN	S. D.
JAN.		WNW 34WNW		24.			0		
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NAVWEASERVCOM

5.2

MEAN WIND SPEED

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8

22 . 27

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED KNTS)

3.2

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3.0

1.9

4.5

OF

8.4 10.3 5.8 5.9 6.5

3.2

## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

73-77

BEAUFORT, SOUTH CAROLINA

93831

HOURS (L.S.T.)

ZAZ

48 - 55 41 - 47 34 - 40 28 - 33

TOTAL NUMBER OF OBSERVATIONS

4.6

100.0

5.5

27.7

22.6

19.4

25.2

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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2 2 2

SSW WSW WSW

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1.3 5.0

1.00.0

9.2

WWW N N VARBL CALM

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

16869

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SURFACE WINDS

04 HOURS (L.S.T.)

ZAS

ALL WEATHER

CONDITION

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

Z

z

ZZ

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MEAN WIND SPEED	4.5	5.1	6.7	9.0	4.0	4.0	7.3	9.9	4:4	4.9	5.0	6.9	5.3	5.3	3.9		3.9
×	10.3	4.5	4.5	0.	0.	1.3	2.6	6.9	5.8	4.5	0.6	0.6	5.8	1.9	6.5	50.92	100.0
<b>8</b>																X	
48 - 55																X	
4.4																X	
34 . 46																X	
28 - 33																X	
22.22																X	
							-5										0

TOTAL NUMBER OF OBSERVATIONS

3.9

20.0

25.8

23.2

CALM

0

VARBL

3.2

1.9

WNW N N

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WSW

38

9 1 4 6

- 200 H

SSW

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22 22 23

155

DIRNAVOCEANMET SMOS

0

07 HOURS (L.S.T.)

JAN

SURFACE WINDS JAN

PERCENTAGE FREQUENCY OF WIND

0 0

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

YEARS

BEAUFORT, SOUTH CAROLINA

ALL WEATHER

CONDITION

MEAN WIND SPEED	5.6	5.9	4.9	7.3	2.0			5.3	4.3	6.2	0.4	0.9	5.4	7.1	5.0	5.0			4.2
*	11.0	8.4	5.2	2.6	9.			1.9	7.7	5.8	3.2	3.2	16.8	5.2	1.3	2.6		24.5	100.0
95 2																		X	
48 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		X	
17 - 21																		X	
11 - 16		9.							9.	9.			1.3	9.				X	3.9
7 . 10	4.5	2.6	1.9	1.3				9.		1.3	9.	1.3	3.9	2.6	9.	•		X	21.9
*;	4.4	3.9		1.3				0.	4.5	5.0	0.	1.3	6.5	0.		9.		X	29.7
1.3	5.1	1.3	0.		9.			30	2.6	1.3	1.9	9.	5.2	1.3	9.	1.3		X	20.0
SPEED (KNTS) DIR.	z	NN.	ž	Z	•	22	*	SSE	•	ASS	AS	WSW	*	WWW	¥	NN	VARBL	CALM	

DIRNAVOCEANMET SMOS

0

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155

TOTAL NUMBER OF OBSERVATIONS

0

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NOURS (LS.T.) (FROM HOURLY OBSERVATIONS) 73-77 ALL WEATHER BEAUFURT, SOUTH CAROLINA NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CONDITION

NAL

MEAN WIND SPEED	7.7	7.5	7.1	6.9	5.8	3.0	3.0	8.0	6.8	9.4	6.0	0.6	9 . 4	6.3	7.5	5.4			4.8
×	5.8	11.0	7.1	5.2	2.6	9.	9.	6.1	5,2	5.4	5.4	9*11	0.11	12.3	6 €	2.5		7.1	0 001
8																		$\bigvee$	
8 . 55																		X	
41.4																		$\bigvee$	Section 1997
2 4																		$\bigvee$	
<b>8</b> · 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 . 21										9.		9.						X	
51 . 16	1.9	1.9	1.3	9.						9.		3.2	1.9	9.				X	2.00
7 . 10	9.	4.5	2.0	1.9	9.			1.3	2.6	1.9	1.3	4.5	7.1	5.5	5.6	1.3		X	20 1
:	2.6	1.9	3.2	1.9	1.3			9.	5.6	1.3	3.2	2.6	1.9	3.9	1.3	3.9		X	2 66
:	9.	2.6		9.	9.	9.	9.					•		5.6				X	0
KNTS) PE	z	N N	¥	ENE		25	35	388	8	SSW	NS	WSW	*	WWW	NW	MNN	VARBL	CALM	

0

0

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0

0

0

155

TOTAL NUMBER OF OBSERVATIONS

0

0

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93631

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SURFACE WINDS JAN 78

## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

BEAUFURT, SOUTH CAROLINA

93831

0

0

0

73-77 ALL WEATHER

CONDITION

MEAN WIND SPEED	1.1	4.9	0.6	4.8	7.0	4.8	0.9	1.1	7.5				9.6	9.1	5.5	7.1		7.7	7.4
*	3.9	7.7	2.6	3.2	5.8	3.9	9.	4.5	0.6	3.9	1.9	8.4	21.9	6.5	7.1	2.5		3.9	100.0
8																		X	
48 - 55																		$\bigvee$	
41.47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 · 33																		$\bigvee$	
2.2																		X	
17 - 21													1.3					X	1.3
11 - 16		•	0.		0.			0.	1.3	•		3.5	5.0	1.9		•		X	16.1
7 - 10	2.6	2.6	1.3		5.6	•		1.3	3.9	1.9	9.	5.6	10.3	3.2	3.5	2.6		X	40.0
;	1.3	3.0	0.	1.3	1.3	1.9	9.	5.0	3.2	1.3	9.	1.9	4.3	1.3	1.3	1.3		X	29.0
:		•		1.3	1.3	1.3			9.		9.	5.			2.6	9.		X	P. 6
SPEED (KNTS) DIR.	z	Z	¥	Z	-	383	*	32	•	SSW	*S	WSW	*	WWW	¥	NNN	VARBL	CALM	

0

DIRNAVOCEANMET SMOS

155

TOTAL NUMBER OF OBSERVATIONS

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

BEAUFURT, SOUTH CAROLINA

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ALL WEATHER

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MEAN WIND SPEED	7.6	0.9	10.0	1.01	**0	0.0	3.0	7.0	8.3	0.1	7.5	0.6	9.4	2.0	8.3	1.3			
*	1.0	5.8	1.3	1.9	1.07	5.8	1.3	7.7	8.4	1.9	3.9	0.6	1801	7.1	3.9	4.5		5.2	
% Al																		X	
48 - 55																		X	
41.47																		X	
3 6																		X	
28 - 33																		X	
n · n																		X	
17 - 21																		X	
91 . 10	1.3		9.		•			0.	1.3		9.	1.9	6.9	1.3	1.3	•		X	
7 . 10	4.5	2.6	9.	1.3	1.3	2.6		3.2	5.2	9.	1.3	3.9	7.7	3.2	1.9	1.9		X	
;		1.9		9.	4.3	2.6	0.	3.9	9.	. T	1.3	5.6	3.2	1.9		1.3		X	
1:3	1.3	1.3				9.	9.		1.3		9.		9.	9.	9.	9.		X	
SYEED (KNTS) DIR.	z	NN	Z.	FNE		ESE	38	SSE	•	SSW	SW	WSW	*	WNW	MW	NNN	VARBL	CALM	200

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831

ALL WEATHER

NOURS (LS.T.)

NAD

CONDITION

22 - 27

17 - 21

11 . 16

7 - 10

4.6

-

KNTS)

0

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MEAN WIND SPEED	3.	•	8	•		*	2.		5.	5.	*	•	3.	•	5.	*		*
*	4.5	3.9	3.2	3.2	3.2	4.5	4.5	5.2	12.9	6.5	2.6	8.4	12.9	5.8	2.6	1.9	14.2	100.0
% Al																	X	
8 . 35																	X	
41.47																	X	
3 6																	X	
28 - 33																	X	
	+	-	-	-	+	+	+-	+	-	-	-	-	-	-	-	-	-	-

3.9

1:3

2 2 2

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1.96

WSW WSW

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SSK

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NNW NNW

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0

VARBL CALM 155

TOTAL NUMBER OF OBSERVATIONS

22,6

32.9

27.7

0

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

BEAUFORT, SOUTH CAROLINA

93831

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0

WEATHER

22 HOURS (L.S.T.)

NAP

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

1.3

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Z

NE

MEAN WIND SPEED	5.9	5.1	6.1	5.5	3.0	2.0	8.0	0.9	6.3	3.5	5,3	4.2	7.5	0.4	6.8	7.0		
×	5.2	4.5	4.5	1.3	1.3	2.6	1.9	3.2	0.6	4.6	9.6	6.5	11.0	3.9	1.3	1.9	26.5	100.0
8																	X	
48 - 55																	X	
41 - 47																	X	
3 6																	X	

2.6 2.6 4.9

WSW WSW

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SSE . SSW

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TOTAL NUMBER OF OBSERVATIONS

21.3

27.7

21.3

NA Y

VARBL

CALM

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155

DIRNAVOCEANMET SMOS

6.2

MEAN WIND SPEED

5.6

ALL HOURS (L.S.T.)

NAN

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

93831 states

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73-77

COMBITION

ALL WEATHER

22 - 27

17 - 21

11 . 16

7 . 10

4.0

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SPEED KNTS)

4 6 0 0 9 9

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16.6 3 . 55 \$ 41 - 47 34 - 40 28 - 33

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WWW NA NA

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VARBL CALM

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WSW WSW

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TOTAL NUMBER OF OBSERVATIONS

100.0

8.0

29.5

28.3

DIRNAVOCEANMET SMOS

0

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

000

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831

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YEARS

ALL WEATHER

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SPEED (KNTS) DIR.

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2 2 2

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WSW WSW

SSW

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WWW N N VARBL CALM

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TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS JAN

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

COMDITION

8

04 HOURS (L.S.T.)

FEB

40. 0 5 S 7.0 7.5 MEAN WIND SPEED 4 · · · 10000 1.4 8.8 4012841 22.7 \* 8 . 55 4 . 47 7 34 - 40 28 - 33 22 - 27 17 - 21 2.8 11 - 16 22.8 1.4 1.4 16.3 2.1 7 - 10 1.4 4.3 2.4.3 29.8 1.4 2.1 9.7 7 7 7 7 7

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93831

BEAUFORT, SOUTH CAROLINA

SPEED (KNTS) DIR.

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2 2 2

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WWW

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WSW WSW

SSW

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N N VARBL

0

CALM

0

141

TOTAL NUMBER OF OBSERVATIONS

9.9

1.0

2.0

SURFACE WINDS

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

YEARS

ALL WEATHER

NOURS (LS.T.)

FEB

CONDITION

1.3

SPEED (KNTS) DIR.

Z

2 2

ESE SS 25

w

MEAN WIND SPEED 100.0 13.0000 2.8 25.5 128 . 55 2 41 - 47 34 - 40 28 - 33 . 27 2 2.8 17 - 21 4.3 11 - 16 2.5 2.8 18.4 4 .. 7 - 10 27.0 7.7 22.22 2.1 2.1

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TOTAL NUMBER OF OBSERVATIONS

22.0

WNW

WSW

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SK

SSW

•

0

VARBL CALM

N X

141

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SMOS DIRNAVOCEANMET

0 40

93831 STATION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831 STATION

0

0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS 73-77 WEATHER CLASS CONDITION BEAUFORT, SOUTH CAROLINA

FEB

MEAN WIND SPEED	8.3	5.8	6.9	5.4	6.3	3.5	4.7	6.5	7.7	10.5	9,2	6.9	8.2	10.4	6.3	4.0			6.9
*	7.8	7.1	7.8	3.5	2.8	1.4	2.1	1.04	6.6	6.9	7.1	6.6	8.5	4.9	2.0	5.7		9.2	100.0
8 Al																		X	
48 - 55																		X	
41.47																		X	
34 - 46																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21																		X	1.6
1. 16	1.4		. 7							2.1	2.8			2.1	1.			X	14.2
7 . 10	3.5	3.5	2.8	-	. 7				5.0	1.4	2.8	3.5	2.8	2.8	2.8	2.8		X	36.9
• •	2.1	2.1	3.5	1.4	2.1		2.1		1.4	•	1.4	3.5	2.8		1.4	2.1		X	28.4
::	4.	1.4							2.1			1.4						X	6.6
SPEED (KNTS) DIR.	z	NNE	¥	ENE		ESE	3	SSE	•	SSW	SW	WSW	*	WWW	¥	NNN	VARBL	CALM	

0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BEAUFURT, SOUTH CAROLINA

93831

73-77

FEB

ALL WEATHER

CONDITION

MEAN WIND SPEED	9.1	6.7	4.5	7.0	5.5	1.	0.0	1.	6.3	7.0	0.	0.6	7.0	4.1	9.4	3.0			7.4	141
	5.7	2.1	1.5	3.5	6.5	6.9	200	**0	13.5	86.5	0.8	104	6.6	10.6	3.5	•	0.00	2.7	100.0	200
<b>8</b> Al 37																		X		RVATIONS
8 . 8																		X	1	TOTAL NUMBER OF OBSERVATIONS
41.0																		X		TOTAL NUM
34 - 46		The same of the same of																$\bigvee$	V	
28 - 33																		$\bigvee$	X	
22.22	100	and product the second forms													Section Section 1			X	X	
17 - 21										100	7.4			•				X	X	100 mm
11 - 16	1:0			8 8 9			1 × × ×	*:-	3.5	1.4	1.4		3.5	2.8	1.4		8 1 7	X	19,1	26.2
7 . 10	3.5		1000	2,1	1.4	3.5	7.7	3.5	5.7	5.0	1.	6.4	2.8	5.0	1000	0.45	S 4.2	X	41:1	100
•	9-1	1.4		1.4	2.8	0.4.5		1.4		1.4	11.4	1.4	N 8	7.4	7.4	Se 20 2		X	19.9	2.5
:	1 . 3 . 1				3.5						1.4		3.5					X	13.5	5.7
SPEED (KNTS) DIR.	z	N N	¥	ENE		ESE	25	SSE	8	SSW	SW	WSW	*	WWW	WW	NNN	VARBL	CALM		

DIRNAVOCEANMET SMOS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

93831 FRATION

73-77 ALL WEATHER

COMBITION

22 - 27

17 - 21

11 . 16

7 . 10

4.6

1.3

2.8

3.5 2.8

3.5

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22 22

2.4.3

2.8

SSW

WSW

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YEARS

NOVING (L.S.T.)

FEB

13.0 10. 10.3 MEAN WIND SPEED 10.00 00.00 6.4 100.0 4.3 \* 8 . 55 4 41 - 47 34 - 49 28 - 33

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRNAVOCEANMET

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NAW NAW VARBL

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CALM

26.2

39.7

22.7

1

TOTAL NUMBER OF OBSERVATIONS

8.2

4 6 6 6 6

9.0

MEAN WIND SPEED

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28

. 55

1.3

SPEED (KNTS) DIR.

Z

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### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

73-77

BEAUFORT, SOUTH CAROLINA

93831

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WEATHER CLASS

YEARS

19 HOURS (L.S.T.)

FEB

CONDITION

10 11 16 17 22 22 27 18 4	11 . 16 17 . 21	11 · 16 17 · 21 22 · 27	11 · 16 17 · 21 22 · 27 28 · 33
	n · n	22 - 27 - 28 - 33	22 - 27 28 - 33 34 - 40
u·u		28 · 33	28 - 33 34 - 40
	8		6.

TOTAL NUMBER OF OBSERVATIONS

1.4

5.0

19.9

39.0

27.7

CALM

NN X VARBL

WWW

WSW

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SSW

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25 SE SE

. • 1:1

5.1

100.0

7.1

DIRNAVOCEANMET SMOS

FEB

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER BEAUFORT, SOUTH CAROLINA

73-77

AMMINISTRA	NO. COLOR		

MEAN WIND SPEED	10.5	3.0	5.4	9.9	3.0	2.7	0.0	2.0	5,5	0.9	4.7	5.7	6.3	7.7	7.5	5.0			* 7
*	2.8	.7	3.5	5.7	2.1	2.1	2.1	4.	19.1	4.3	4.9	4.9	11.3	4.3	4.3			23.4	
<b>%</b>																		X	
8 . 8																		X	
41.4																		$\bigvee$	
34 . 46																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		X	
17 - 21																		X	
91 . 11			1.						.7				1.4		. 7			X	
7.10	2.1			1.4					5.7	1.4	. 7	2.1	2.8	2.1	2.1			X	
:			1.4	2.1					7.8	2.8	3.5	2.8	4.3	•	. 7			X	
÷:		. 7	1.4	1.4	-	1.4	1.4	4.	5.0		2.1	1.4	2.8	.7	. 7			X	
SPEED (KNTS) DIR.	z	N.	¥	Z	•	ESE	*	SSE	•	SSW	NS.	WSW	*	WWW	¥	NNA	VARBL	CALM	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

9 9

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0

TOTAL NUMBER OF OBSERVATIONS

0

93831

0

SURFACE WINDS PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

FEB 73-77 ALL MEATHER COMBITION BEAUFURT, SOUTH CAROLINA

MEAN WIND SPEED	1.6	6.7	6.1	5.5	5.9	5.0	6.7	4.0	7.0	6.5	4.0	6.4	7.6	8.0	7.0	0.9			5.7
×	4.9	3.3	2.9	3.5	4.5	2.7	2.3	3.7	12,2	5.0	5.3	7.2	10.2	1.6	4.2	2.5		15.4	100.0
<b>3</b>																		X	
8 . 55																		X	
41.4																		X	
34 . 46																		$\bigvee$	
28 - 33							4											$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21								1.	4.				.3	4.				X	1.1
11 - 16		. 5		7:		1.	•	۲.	1.5	c.	7.0		2.1	1.3		.2		X	11.6
7 . 10	2.1	1.0	8.	1:1	1.2	0.	00	1.8	3.8	2.1	1.1	5.5	3.2	2.7	1.3	.1		X	26.7
• •	0.	1.2	1.2	1.5	1.4	1.2	9.	2.0	4.7	2.2	2.0	2.6	5.4	1.7	1.2	1.1		X	27.7
1.3	1:1	9.	9.	5.	1.4	8.		1.2	1.9	1.0	1.2	1.3	2.2	1.3	6.	• •		X	17.5
SPEED (KNTS) DIR.	z	NN	¥	Z.	3	ESE	38	SSE	8	SSW	SW	WSW	*	WWW	MW	NNW	VARBL	CALM	

0

DIRNAVOCEANMET SMOS

(3)

1128

TOTAL NUMBER OF OBSERVATIONS

93831

:0

10

7.0

3.9

MEAN WIND SPEED

\*

2

. 55 4

41 - 47

34 - 40

28 - 33

22 - 27

17 - 21

11 - 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

000

9.

1.3

9.

SURFACE WINDS

H

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

BEAUFORT, SQUTH CAROLINA

01 NOURS (L.S.T.)

WEATHER

100.0

TOTAL NUMBER OF OBSERVATIONS

155

24.5

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93831

0

0

0

0

0

- 22 25 25

0

WSW WSW

SSW

.

000

0

10.3

19.4

28.4

17.4

1.0

3.9

...

2.0

20.0000

NNW VARBL

WWW

\*

CALM

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

ALL WEATHER

YEARS

04 HOURS (L.S.T.)

MAR

COMBITION

	7 . 10	9 10	17 - 21	22 - 27	28 - 33	34 : 40	41.47	48 - 55	8	×	MEAN WIND SPEED
1	6									4.5	5.1
	0	1.3								5.2	6.9
		0.								3.2	5.6
										1.9	3,3
-										4.5	5.1
										9.	2.0
•	0									1.9	5.0
•	0	0.								3.2	4.6
-	6.	1.9								15.5	5,5
2.6	0	9.								11.0	5.5
•	0.									9.5	4.5
										1.9	2,3
3.2	7	•		9.						10.1	9.9
1		1.3								2.6	1.9
•	Ð									4.5	4.6
		•								2.6	4.8
VΙ	$(\cdot)$	V	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	21.3	
14.2	N	7.7		9.						10000	4.2

=

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

000

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

0

0

0

200

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

YEARS

07 HOURS (L.S.T.)

MAR

COMPITION

ALL WEATHER

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MEAN WIND SPEED		*	3.	5.	4.	1.	9		0	5.	3.	•	1.	•	*	2.			*
*	1.1	7.7	4.5	5.8	••	9.	2.6	3.9	1.0	11.6	5.8	205	5.8	2.0	5.8	1.3	4.01		100.0
% Al																		X	
48 - 55																		X	
41.4																		$\langle$	
4 .																		X	
28 - 33																		$\langle$	
n . n																		X	
17 . 21	0.																	X	9.
91.16	0.	•		0.			0.		0.				5.6					X	5.8
7 . 10	3.2	1.9		1.3				9.	5.6	2.6	1.9	9.	1.3	9.	1.9			X	18.7
:	9.	9.	1.9	1.9	9.		1.3	1.3	4.5	6.9	5.6	1.9		1.3	1.9	9.		X	27.7
1:3	1.9	4.5	2.6	1.9		5.	9.	1.9	1.9	2.6	1.3	2.0	1.9	•	1.9	9.			27.7
	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	+	-	

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

SPEED (KNTS) DIR.

Z

EN EN

- 2 2 2 -

SW WSW

NW NW

CALM

NN.

\*

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

73-77

WEATHER

MEAN WIND SPEED	6.3	6.8	1.0	-	6.5	7.0	15.5	8.8	1.6	7.0	8.9	8.2	7.6	8.8	6.7	7.3		7.5
*	1.1	7.1	6.5	4.5	7.7	3.9	1.3	2.6	12.9	5.8	2.6	5.8	13.5	5.8	4.5	2.6	2.6	100.0
8 Al																	X	
8 . 83																	X	
41.4																	X	
4 . 4																	X	
<b>8</b> · 33																	X	
22 - 22							9.										X	9.
17 . 21									9.				0.				X	1.3
11 - 16	0.		0.		0.	•	*	•	3.2		1.9	1.3	1.9	2.6			X	14.2
7 . 10	1.9	4.5	3.2	5.6	3.2	1.3	9.	1.9	4.5	5.2	6.1	1.3	3.9	9.	2.6	1.9	X	41.3

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

0

0

0

Z Z Z

z

25 25 25 25 25 25

WSW WSW

\*

SSW

NA NA

VARBL

CALM

155

TOTAL NUMBER OF OBSERVATIONS

=

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 ALL MEATHER BEAUFORT, SOUTH CAROLINA

0

0

NOURS (L.S.T.)

0

COMBITION

WIND WIND SPEED	5.2	4.7	8.4	6.3	8.3		7.0	1.0	10.4	7.4	10.3	10.1	11:1	7.5	8.9	3.5			
×	7.1	4.5	5.2	2.2	1.1	3.9	3.9	0.6	11.6	3.2	4.5	0.6	11.6	7.1	9.2	1.3		2.6	0 00.
<b>%</b>																		$\bigvee$	
48 - 55																		$\bigvee$	
41.4																		$\bigvee$	
34 - 40																		$\bigvee$	
28 . 33																		$\bigvee$	
n . n																		$\bigvee$	
17.21									0.		••	1.3	1.3					$\bigvee$	
91 - 11				9.	1.3	1.3		4.5	5.2	9.	1.3	3.2	4.5	1,3				X	
7 . 10	1.9	1.3	0.	1.3	4.5	1.3	3.2	3.2	4.5	1.3	1.9	9.	4.5	3.2	1.9			X	
;	3.2	1.9	3.2	3.2	5.7	9.	9.	9.	1.3			3.2	1.3	7.2		•		X	
:	1.9	1.3	1.3			9.		0.			•	5.		0.	0.	9.		X	
SPEED (KNTS) DIR.	z	Z	Z	- SE		ESE	*	386		ASS	S.	WSW	*	WWW	ž	NN	VARBL	CALM	

of o

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

9 49

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

16 HOURS (L.S.T.)

MAR

YEARS

73-77

BEAUFORT, SOUTH CAROLINA

0

0

MEAN WIND SPEED	5.0	0.0	7.0	8.0	6.9	0.9	8.4	4.6	11.3	1001	10.4	10.7	9.3	9.7	4.5				8.8
×	9.	5.2	9.	5.2	9.7	7.1	11.7	11.7	13.0	4.5	4.5	7.8	10.4	5.8	1.3			9.	100.0
% Al																		X	
48 - 55																		X	
41.47																		$\bigvee$	
34 - 46																		$\bigvee$	
28 - 33																		$\bigvee$	
22.22													9.					$\bigvee$	••
17 - 21									1.9	9.	9.	•						$\bigvee$	3.9
11 . 16		•		9.	1.9		9.	5.2	5.8	1.3	9.	2.6	3.9	1.9				X	25.3
7 . 10		1.9	9.	3.2	3.9	3.2	4.4	3.2	3.9	1.3	2.6	3.2	1.9	3.2	9.			X	42.9
:	9.	1.3		1.3	5.0	2.6	1.3	2.6	•	9.		1.3	3.5					X	18.2
:		1.3			1.3	1.3		9.	•	9.	9.		•	9.	9.			X	8.4
SKNTS) PIE.	z	N N	Z	Z		ESE	*	388	s	SSW	NS WS	WSW	*	WWW	NW	NNW	VARBL	CALM	

Q

0

0

0

DIRNAVOCEANMET SMOS

0

0

TOTAL NUMBER OF OBSERVATIONS

E

6.7

040 644 6000

0

154

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

=

SURFACE WINDS

ALL WEATHER

YEARS

BEAUFORT, SOUTH CAROLINA

93831

73-77

19 NOVRS (L.S.T.)

MAK

COMBITION

28 - 33

22 - 27

17 - 21

2 =

7.10

1.3

SPEED (KNTS) DIR.

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2 2 2

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3.2 1.00 20 20 6.1 3.2 100.0 \*

1.3

1.9

3.5

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TOTAL NUMBER OF OBSERVATIONS

1.3

24.0

40.0

23.4

DIRNAVOCEANMET

Z Z

z

0 .0

SSW WSW WSW

•

WWW

\*

VARBL CALM

NA AN

155

TOTAL NUMBER OF OBSERVATIONS

0

0

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

E

SURFACE WINDS

ALL WEATHER

73-77

BEAUFORT, SOUTH CAROLINA

93831

22 HOURS (1.5.T.)

MAR

COMDITION

MEAN WIND SPEED	0.0	8.0	2.6	6.3	3.0	3,3	6.3	5.0	5.3	7.2	4.3	***	1.8	8.8	4.1	5.5			4.3
×	9.	9.	3.2	3.9	4.6	1.9	2.6	5.2	21.9	6.5	5.2	4.5	7.1	2.6	1.9	1.3		21.3	100.0
<b>35</b>																		X	
8 55																		X	
4.4																		X	
34.26																		X	
28 - 33																		X	
22 - 27																		X	
17 . 21																		X	
91 - 11				9.			•		•	1.9			2.6	•				X	7.1
7 - 10		9.		1.3	1.3		0.	1.9	4.5	1.3	9.	1.3	1.3	1.9	\$.	9.		X	18.1
•	9.		9.	9.	3.9	9.		1.9	11.0	9.	5.6	1.3	1.9					X	25.8
1:3			2.6	1.3	4.5	1.3	1.3	1.3	5.8	2.6	1.9	1.9	1.3		1.3	0.		X	27.7
SPEED (KNTS) DIR.	z	NNE	2	E E	-	ESE	35	SSE	9	SSW	SW	WSW	*	WWW	WW	NNW	VARBL	CALM	

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

BEAUFURT, SOUTH CAROLINA

MAR

YEARS

MEAN WIND SPEED	6.2	6.6	5.4	6.2	5.6	5.5	6.9	6.9	7.6	9.9	9.9	7.4	8.1		5.2	5.4			
	3.7	4.4	4.0	4.2	7.1	3.5	6.3	9.9	14,5	7,3	2.4	5.5	9.7	4.2	3.2	1.7		12.0	
8																		X	
<b>4</b> . 55																		X	
41.4																		$\bigvee$	
4 . 4																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27							.1						.2					X	
17.21	-								•	•	.2	2.	.2					X	
91 . 11	2.	*	4	*.	3.	. 2	*.	1.4	5.6	•	5.	1:1	2.4	7:7	7.	.2		X	
7 - 10	1.2	1.4	90	1.6	2.0		1.9	1.9	4.4	2.3	1.3	1:1		1.2	1.2	*.		X	
:	1:1	***	1	1.3	8.2	1.3	1:1	2.1	*	2.8	1.4	7.9	2.2	7:1				X	
÷:-	1.1	1.2	1.3	5.	1.8	1.1		1.2	2.2	1.2	5.	1.1	1.7	20	1.2	9.		X	
PES S	z	Z	z	Z		ESE	3	358	•	ASS	NS.	WSW	*	WWW	*	NN.	VARBL	CALM	

0

1238

TOTAL NUMBER OF OBSERVATIONS

0

DIRNAVOCEANMET SMOS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

YEARS 73-77 ALL WEATHER CONDITION BEAUFORT, SOUTH CAROLINA

HOURS (L.S.T.)

APR

MEAN WIND SPEED	5.8	2.0	3.2	2.8	3.3	3.4	2.0	5.9	4.0	6.2	5.2	6.7	1.0	7.0	3.7	7.0			4.0
*	3.3	4.	3.3	2.7	2.7	3.3	3.3	8.0	0.41	6.7	€ . €	0 9	E . 1	€ • €	0.2	4.		1.02	100.0
8																		X	
48 - 55																		X	
41.47																		X	
34 - 46																		$\bigvee$	
28 - 33																		X	
22 - 22																		X	
17 - 21																		X	
11 . 16	4.							1.3	1.3	• 1								X	4.7
7 - 10	1.							2.0	5.3	2.7		4.7	2.0	2.0				X	21.3
• •	1.3					2.0	•	2.0	4.1	1.3	2.0	2.0	2.7	1.3	1.3			X	22.7
:			2.7	2.0	2.0	1.3	2.7	2.7	2.7	2.7		1,3	2.0					X	7.96
SPEED (KNTS) DIR.	z	W X	¥	ENE		ESE	35	SSE	•	SSW	NS.	WSW	*	WNW	WW	NNN	VARBL	CALM	

=

150

TOTAL NUMBER OF OBSERVATIONS

OFO

150

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER CONDITION BEAUFORT, SOUTH CAROLINA

04 HOURS (L.S.T.)

APR

MEAN WIND SPEED	4.6	3.9	2.3		1.0		1.0	2.3	9.9	5.4	5.3	9.9	8.4	5.4	5.8	5.0			2.8
*	3,3	4.7	2.7	1.3				2.0	12.0	1.3	4.7	3.3	8.7	4.7	1.0			36.7	100.0
8																		X	
8 - 55																		X	
41.4																		X	
34 - 40						8								,				X	
28 - 33																		X	
2.2																		X	
17 - 21																		X	
1 . 16									1.3	۲.		٠.	1.3					X	4.0
7 . 10	. 7	4.							4.0	6.1	٠,	1.3	4.7	2.0	٠.			X	15.3
;	1.3	1.3						•	4.1	3.3	4.0		2.0	1.3	2.7			X	22.0
	1.3	2.7	2,7	1.3	<b>k</b> •		•	1.3	2.0	2.7		1.3		1.3	2.1			X	21.3
SPEED (KNTS) DIR.	z	NNE	NE	ENE	1	ESE	35	SSE	s	SSW	SW	WSW	*	WWW	NN	NNW	VARBL	CALM	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831 STATION

0. 0

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

-3

SPEED (KNTS) DIR.

2.7 1.3

¥ = X

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

YEARS

07 NOURS (L.S.T.)

COMBITION

2.3 4:3 \* 28 48 - 55 41 - 47

3.5

TOTAL NUMBER OF OBSERVATIONS

150

100.0

5.3

14.0

28.0

20.7

30.

SMOS DIRNAVOCEANMET

93831

BEAUFORT, SOUTH CAROLINA

0

0

0 0

0

0

WSW

3

SSW

•

WNW

\*

3 3 VARBL CALM

2.0

2.7

...

1.3

4.7

1.3

0

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

ESE SSE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS) 73-77 ALL WEATHER BEAUFORT, SOUTH CAROLINA NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

2.0 2.0 1.3 2.0 2.0 2.0 2.0 2.0 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3 3	SPEED (KNTS) DIR.	•:-	;	7 - 10	1.16	17 . 21	2.2	28 - 33	38	41.47	48 . 55	% AI	*	MEAN WIND SPEED
2.7 2.0 1.3 1.	z		2.7	2.0									0.9	6.3
1.3 5.3 4.07  1.3 2.0 2.07  1.3 2.0 4.0 1.3 3.37  2.0 2.0 4.0 1.3 3.37  2.0 2.0 4.0 1.3 3.37  2.0 2.0 4.0 1.0 3.3	Z		2.7	3.3									6.7	7.(
2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	Z	•		2.0									0.4	7.0
2.0 2.07 2.07 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	ENE	•	1.3	1.3									3.3	5.6
2.0 2.0 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3			5.3										10.0	7.
2.0 2.0 1.3 .7 .7 1.3 .7 .7 1.3 .7 .7 1.3 .7 .7 1.3 .7 .7 1.3 .7 .7 1.3 .7 .7 1.3 .7 .7 1.3 .7 .7 1.3 .7 .7 1.3 .7 .7 1.3 1.333333333	ESE				.,								3.3	7.
2.0 2.0 4.0 1.3 .7 .7 2.0 .7	35			2.0	1								0.4	9.
2.0 2.0 4.0 1.3 .7 .7 2.0 .7 2.0 .	SSE		1.3	. 7	1								3.3	8.6
2.0 2.0 4.0 1.3 .7 .7 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	•	•	1.3										10.0	8.8
2.0 2.0 4.0 1.3 7 .7	SSW		2.7	3.									8.0	8.
2.0 2.0 4.0 1.3 .7	SW	1.1		0.4	.7								0.9	7.
2.0 2.7 6.0 2.0 .7 2.0 1.3 3.3 .7 2.7 1.3 3.3 .7 .7 .7 .7 .7 .7 .8 .8 .9 .0 44.0 16.7 8.3	WSW		2.0		1								7.3	8,
28.0 44.0 16.7 2.8	*	2.0											13.3	8.
28.0 44.0 16.7	WWW		2.0										6.7	10.0
7.3 28.0 44.0 16.7 2.3	MW		4.	1.3									2.0	7.
7.3 28.0 44.0 16.7 2.3	NNW		2.7	. 7									3,3	0.9
7.3 28.0 44.0 16:7 1.03	/ARBL													
44.0 16.7 3.3	CALM	$\bigvee$	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	2.7	
		7.3	28.0	0.44	16.7	E • 3							100.0	7.

TOTAL NUMBER OF OBSERVATIONS

0

3

13 HOURS (L.S.T.)

APR

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831 STATION

0

0

0

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER CONDITION BEAUFORT, SOUTH CAROLINA

MEAN WIND SPEED	5.2	5.0	5.0	5.2	1.1	7.9	7.6	0.6	9.5	9.6	9.3	6.6	10.1	9.3	10.3	4.5			8.3
*	3.3	4.	4.1	3.3	0.01	6.7	8.7	12.7	7.3	4.7	4.7	7.3	12.7	7.3	2.7	1.3		2.0	100.0
% Al																		$\bigvee$	
48 . 55																		X	
41.4																		$\bigvee$	
3 8																		$\bigvee$	
28 · 33																		$\bigvee$	
22.27																		X	.7
17 - 21										.7								X	2.0
1 . 16					1.3	1.3	2.0	2.7	2.7	1.3	1.3	2.7	4.0	3.3				X	24.0
7 - 10			1.3	1.3	0.9	3.3	3.3	8.0	4.0	1.3	3.3	2.7	5.3	2.7	1.3			X	44.0
:	1.3		2.7	•	2.1	1.3	2.7	2.0				1.3				1.3		X	19.3
1:3	1.3			1.3									1.3	1.3				X	8.0
SPEED (KNTS) PIR.	z	W.Z	¥	ENE	-	ESE	25	SSE	•	SSW	SW	WSW	*	WWW	ž	NNN	VARBL	CALM	

0

0

0

0

0

0

150

TOTAL NUMBER OF OBSERVATIONS

WIND SPEED

28 - 33

22 - 27

17 - 21

11 - 16

7 - 10

4.6

-3

SPEED (KNTS) DIR.

5.0

2.01

### SURFACE WINDS

=

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

ALL WEATHER

NOURS (LS.T.)

COMBITION

1.3 10.1 \* 12 48 - 55 41 . 47 34 - 40

40.

3.4.6

22 22

- moor44000r00

9.4

12.1

1.3

1869

TOTAL NUMBER OF OBSERVATIONS

149

9.2

100.0

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93831

0

0

WSW WSW

SSW

\*

WWW WWW

CALM

VARBL

26.2

51.7

6.3

MEAN WIND SPEED

3.0

5.3

7.8

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

000

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831 STATION

0

0

0

()

ALL WEATHER

YEARS

HOURS (L.S.T.)

CONDITION

1.3

SPEED (KNTS) DIR.

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ZZ

0

- 2

0

10.0 12.7 5.3 5.3 27.3 3.3 100.0 .. \* 128 48 - 55 41 . 47 34 - 40 28 - 33 22 - 27 17 - 21 6.7 11 - 16 31.3 10.0 7 . 10 0.9 40.7 5.5 3.00 4.6 14.0

> SSW WSW WSW

0

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2 2 ×

WWW ¥ × × VARBL CALM

0

0

0

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0.0

150

TOTAL NUMBER OF OBSERVATIONS

0

×

28

. 55 \$

80

APR

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

BEAUFORT, SOUTH CAROLINA

YEARS

ALL WEATHER

CONDITION

11 . 16

7 - 10

4.0

SPEED (KNTS) DIR.

Z

Z Z

0000 - NOON 

1.3

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2.0

WSW \* \*\*

38 SW

- 3 2 2 2

TOTAL NUMBER OF OBSERVATIONS

150

20.0

100.0

1.3

0.9

17.3

29.3

26.0

DIRNAVOCEANMET SMOS

0

93831 STATION

0

0

0

0

0

NIN YARBL

CALM

SURFACE WINDS JAN 78

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

73-77 ALL WEATHER

BEAUFORT, SOUTH CAROLINA

93831 STATION

ALL HOURS (L.S.T.)

APR

COMBITION

1.3

SPEED (KNTS) DIR.

NN.

*	3.7	2.6	2,5	2,3	9.9	4.3	4.5	8.7	14.4	5.3	4.7	9.0	10.0	4.7	2.4	1.04	15.0	100.0
¥ Al																	X	
48 - 55																	X	
41 - 47																	X	
34 - 40																	X	
28 - 33																	X	
22.22													7.				X	
17 - 21	1.								1.			2.	**	.1	.1		X	1.3
1. 16	5.	.2				3.		1.4	1.9	6.		9.	2.1	1.3	7.		X	F.11
7.10	6.	80.	9.	3	2.5	1.7	1.4	3.5	5.7	1.7	1.8	2,5	3.8	1.4	. 8		M	29.9

2 2 - 2 3 3 3 3 S

SSW

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WSW

SK.

WWW

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TOTAL NUMBER OF OBSERVATIONS

25.9

16.1

NNW

CALM

1199

DIRNAVOCEANMET SMOS

10

NOURS (L.S.T.)

MAY

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER ALL BEAUFORT, SOUTH CAROLINA

CONDITION

-----3.0 5.5 MEAN WIND SPEED 12.3 3.50 23.2 2.0 1.3 \* 12 . 55 2 41 - 47 34 - 40 28 . 33 . 27 2 17 - 21 0 11 - 16 9 ... 0 1.9 7.10

TOTAL NUMBER OF OBSERVATIONS

155

100.0

3

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

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93831 STATION

9.7

1.3

SPEED (KNTS) DIR.

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- 2 × 3

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SSW

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SK

5.8

2.00

WSW

WWW

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VARBL N N

CALM

0.0

32.9

33.5

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

YEARS (FROM HOURLY OBSERVATIONS) 73-77 ALL WEATHER BEAUFORT, SOUTH CAROLINA NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

0

CONDITION

NOURS (L.S.T.)

MAY

MEAN WIND SPEED	4.9	3.7	3.3	4.5	3.5	2.0	5.3	2.7	3.2	3.6	4.0	4.1	3.9	4.8	5.7	3.0			2.7
×	5.8	3.9	1.9	1.3	1.3	c.	2.0	1.9	9.6	7.7	4.6	0.6	5.2	3.2	1.9	3.2		32.3	100.0
<b>8</b>																		X	
48 - 55																		X	
4.14																		X	
34 - 40																		X	
28 - 33																		X	
22 - 27																		X	
17 . 21																		X	
11 - 16	9.																	X	9.
7 - 10							9.		9.	9.	1.3	1.9	9.	9.	9.	9.		X	7.7
:	2.6	1.9	9.	9.	•		1.3	9.	2.6	2.0	3.9	3.6	2.6	1.9	9.			X	27.1
1.3	2.6	6.7	1.3	5.	9.	9.	9.	1.3	5.5	3.5	4.5	3.9	1.9	9.	9.	2.6		X	32,3
SPEED (KNTS) DIR.	z	N.	32	ENE	3	ESE	SE	SSE	5	SSW	AS.	WSW	*	WWW	N	NNW	VARBL	CALM	

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0

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS JAN

10.3

MEAN WIND SPEED

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28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

-:3

SPEED (KNTS) DIR.

WINDS SURFACE =

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

ALL WEATHER

NOURS (L.S.T.)

MAY

2.6

5.0

4.8

3.2

5.1

3.8

5.9

4 9 6 4

TOTAL NUMBER OF OBSERVATIONS

155

100.0

22.6

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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WSW ASW

WWW N N VARBL CALM

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93831

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

BEAUFURT, SOUTH CARDLINA

WEATHER ALL

73-77

YEARS

NOURS (L.S.T.)

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COMDITION

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7 - 10

9.7

1.3

SPEED (KNTS) DIR.

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2.6

* WIND SPEED	5.8 6.2	8.4 5.1	4.5 4.3	5.2 5.3	5.8 5.7	4.5 6.3	4.5 7.1	3.9 7.3	5.8 5.2	6,5 5,8	11.6 5.4	7.1 6.6	11.6 7.3	3.2 5.6	.6 2.0	5.2 5.6	5.8	
35 AI																	X	
48 - 55																	X	
41 . 47																	X	
34 - 40																	$\bigvee$	
28 - 33																	$\bigvee$	
22 - 22											1						$\bigvee$	
17 - 21																	$\bigvee$	
1 . 16	0.					•	1.3	0.	9.	1.3	1.3	9.	1.3				X	
	0	0	0	173	0	m	m	0		0	6.	O.	80	3		9		1

3.2.6.9.2.6.6

4.3

WNW

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NN VARBL CALM

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WSW WSW

0

SSW

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0

SS SS SS

0

42.6

18.7

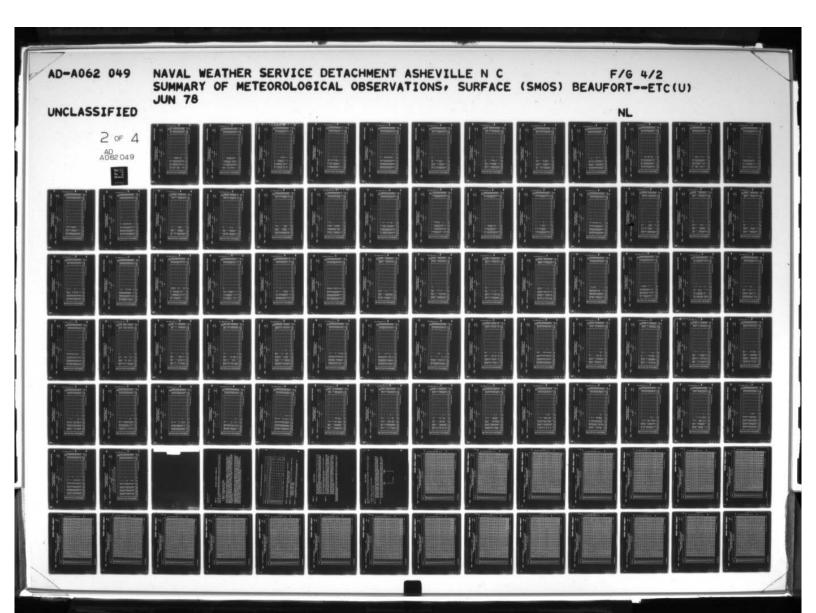
155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831



SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

13 HOURS (L.S.T.)

ALL WEATHER

CONDITION

MEAN WIND SPEED	4.3	5.2	5.0	5.5	7.3	8.5	8.2	9.9	5.5	6.5	8.9	7.9	10.3	6.3	5.7		6.3
*	5.8	3.9	5.2	6.9	4.6	6.5	5.8	11.6	6.9	7.7	2.6	11.6	1.9	1.9	3.9	6.9	100.0
<b>%</b>																X	
8 . 8																X	
41.0																X	
8 . 4																X	
28 - 33																X	
22.27																X	
17 - 21													9.			X	•
1. 16					1.3	1.3	1.9	1.9	9.		1.3	1.3				X	9.7
7 . 10	9.	1.3	0	2.6	3.9	3.2	1.3	3.2	1.9	4.5	3.2	7.1		- ·	1.3	X	36.8
•	3.2	1.3	2.6	1.3	3.9	1.3	2.6	5.2	9.	1.3	9.	3.2	•		1.9	X	29.7
3	1.9	1.3	1.9	2.6	9.	9.		1.3	3.5	1.9					9.	X	16.8

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93831

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z z z z

SPEED (KNTS) DIR.

- 2 2 2

wsw wsw

SSW

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VARBL

CALM

WW WW

155

TOTAL NUMBER OF OBSERVATIONS

9.2

MEAN WIND SPEED

\*

28 - 33

22 - 27

17 - 21

11 . 16

7 . 10

1.3

SPEED (KNTS) DIR.

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831

16 HOURS (L.S.T.)

MAY

ALL WEATHER

CONDITION

8 . 55 4 . 47 7 34 - 40

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1.3

1.3

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WSW WSW

SSW

TOTAL NUMBER OF OBSERVATIONS

155

100.0

13.5

43.2

32.9

4.

1:9

DIRNAVOCEANMET

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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VARBL CALM

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0

3.00

5.7

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER ALL

19 HOURS (L.S.T.)

MAY

MEAN WIND SPEED 00: 1.9 16.1 5.8 14.8 34.2 5.6 1.3 3.2 1.9 1.3 100.0 \* 8 48 - 55 41 - 47 34 - 46 28 . 33 22 - 27 17 - 21 000 11 . 16 2.00 0 F 9. 12.3

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

BEAUFURT, SOUTH CAROLINA

0

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7 - 10

1.3

SPEED (KNTS) DIR.

0

Z Z Z

0

22 22 23

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5.1

16.1

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WSW

38

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SSW

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0

NA WA

VARBL CALM

27.

45.8

28 - 33

22 - 27

17 - 21

11 . 16

7 . 10

4.6

-:

SPEED (RNTS)

Z

Z

OH

25.8

0000

3.2 2.6

SW.

WSW

SSW

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22 22 23

\* \* \*

NAW

CALM

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0

2.0

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2.5

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100.0

36.1

34.2

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

000

73-77

BEAUFORT, SOUTH CAROLINA

93831

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0

WEATHER

ALL

22 HOURS (L.S.T.)

MAY

COMBITION

0.000

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

Z

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### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

73-77

BEAUFORT, SOUTH CAROLINA

93831

ALL HOURS (LS.T.)

HAY

CONDITION

4 W W O 4 W W 13.9 8 48 - 55 41 - 47 34 - 45

TOTAL NUMBER OF OBSERVATIONS

100.0

5.0

21.7

35.0

24.4

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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7.000

WSW

35

SSW

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NNW CALM

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3.3

MEAN WIND SPEED

28

48 - 55

. 47 7

34 - 40

. 33

2

22 - 27

17 - 21

11 . 16

7.10

1.3

1.3

Z 2 2

z

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

NO

73-77 WEATHER ALL

BEAUFORT, SOUTH CAROLINA

93831

0

YEARS

HOURS (L.S.T.) 6

CONDITION

3.3 16.0 10.0 8.0 100.0

1.3

2.00

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SSW 38

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2 2 2

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WSW

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9.9

28.7

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150

TOTAL NUMBER OF OBSERVATIONS

13.3

24.7

32.7

VARBL

CALM

0

050

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

YEARS

ALL WEATHER

NOURS (L.S.T.)

CONDITION

MEAN WIND SPEED	5.7	3.2	4.4		3.0	5.0	0.0	0.0	5.3	***	5.1	3.7	3.3	1.3	2.3	5.3			2.8
*	8.7	6.7	3.3				4.	2.7	7.3	3.3	9.3	9.3	6.7	2.0	2.0	2.7		34.0	100.0
% Al												To The Figure						X	
8 . 8																		X	
41.4																		X	
34.46																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21																		X	
1.16																.7		X	1.3
7 . 10	2.7										3.3		.7					X	8.7
•	4.7	2.7	2.7			.7	٠,	.,	4.0	1.3	3.3	5.3	2.0			.1		X	28.7
£:-	1.3	6.0						1.3	2.0	1.3	2.7	4.0	4.0	2.0	2.0	1.3		X	27,3
SPEED (KNTS) DIR.	z	NNE	NE	ENE	£	ESE	38	SSE	8	SSW	SW	WSW	*	WWW	¥	MMM	VARBL	CALM	

OFO

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93631

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22 . 27

17 - 21

11 . 16

7 - 10

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SPEED KNTS)

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1.3

3.3

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4.3

4.2

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

000

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

SURFACE WINDS

73-77 WEATHER CLASS ALL

BEAUFORT, SOUTH CAROLINA

93831 states

YEARS

NOURS (1.5.T.) 07

CONDITION

2.0 10.7 1.3 2.7 7.3 20.0 3.3 3.3 2.7 12 48 - 55 . 47 7 34 - 40 . 33 28

TOTAL NUMBER OF OBSERVATIONS

150

3.4

10000

10.7

37.3

0

CALM

SMOS DIRNAVOCEANMET

4.8

MEAN WIND SPEED 

128

48 - 55

### SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

WEATHER CLASS

NOURS (L.S.T.)

COMBITION

17 - 21

11 - 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

2.0

2.

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4.					
34 - 40					
28 - 33					
2.2					

OBSERVATION
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NUMBER
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<b>10</b>
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10000

3.3

24.0

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26.0

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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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CALM

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3.5

### SURFACE WINDS

1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

73-77

BEAUFORT, SOUTH CAROLINA

93831

WEATHER

COMDITION

4.6

1.3

SPEED (KNTS) DIR.

Z

2 2

YEARS

NOURS (L.S.T.)

1.3 2.7 3.3 4.7 128 48 - 55 41 - 47 34 - 40 28 - 33 22 - 27 17 - 21 4.6 11 - 16 - mmmomoorooro 7 - 10

WSW WSW

SSW

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WNW

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NNN VARBL CALM

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TOTAL NUMBER OF OBSERVATIONS

150

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34.7

32.7

19.3

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DIRNAVOCEANMET SMOS

5.8 7.3

SURFACE WINDS JAN 78

MEAN WIND SPEED

8

28

22 - 27

17 - 21

11 . 16

7 . 10

4.6

1.3

SPEED (KNTS) DIR.

... 1.3

3.5

2.7

Z

Z ENE

- NN4 W NN4 44

3.3

- 2 2 2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

200

SURFACE WINDS

BEAUFORT, SOUTH CAROLINA

93831 STATION

73-77

NOURS (L.S.T.)

3

ALL WEATHER

CONDITION

1 6.9 3.3 8.7 18.7 4.1 4 128 48 - 55 . 47 7 34 - 40

5.0

150

TOTAL NUMBER OF OBSERVATIONS

6.5

100.0

0.9

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36.7

12.0

5.1

0.00

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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WSW WW

SSW SW

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4. \*

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VARBL CALM

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4.0

2.7

MEAN WIND SPEED

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28 - 33

22 - 27

17 - 21

11 - 16

7 - 10

4.6

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SPEED (KNTS) DIR.

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#### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

ALL WEATHER

CONDITION

19 HOURS (L.S.T.)

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7.3

0.9

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5.1 6.1 2

TOTAL NUMBER OF OBSERVATIONS

150

5.2

100.0

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DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831 STATION

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31.3

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24.0

6

28 - 33

22 - 27

17 - 21

11 . 16

7.10

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SPEED (KNTS) DIR.

WINDS SURFACE

> PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

BEAUFURT, SOUTH CAROLINA

93831 STATE

YEARS

100.0 19.3 \* 12 48 - 55 41 - 47 34 - 40

2000

3.30

SW WSW

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TOTAL NUMBER OF OBSERVATIONS

150

0

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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VARBL CALM

29.3

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18

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17 - 21

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SPEED (KNTS) DIR.

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#### WINDS SURFACE

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ALL HOURS (L.S.T.)

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

73-77

COMBITION

ALL WEATHER

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14.3

100.0

TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

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WSW

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NW NW

22.7

33.9

26.2

CALM

VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CARDLINA

73-77

93831

YEARS

ALL WEATHER

\$

NOURS (L.S.T.)

CONDITION

MEAN WIND SPEED	2.8	4.5	4.3	0.9	2.0	1.0		2.0	6.1	0.4	5.5	4.4	4.0	2.8	2.0	2.0			2.5
*	3.9	2.6	1.9	9.	9.	9.		1.3	14.8	12.3	0.6	5.8	2.6	3.2	1.3	1.9	+	37.4	100.0
8																		X	
8 . 8																		X	
41.4																		X	
34 - 46																		X	
28 - 33																		X	
n.n																		X	
17 - 21																		X	
91 - 11																		X	
7 - 10		•							1.3	1.9	3.2	9.						X	7.7
•••	1.3	1.3	1.9	9.					7.7	3.9	4.5	3.2	1.3	1.3				X	27.1
1:3	2.6	9.			5.	0.		1.3	5.8	6.9	1.3	1.9	1.3	1.9	1.3	1.9		X	27.7
(KNTS)	z	¥	¥	ENE	-	ESE	*	388	8	SSW	SW	WSW	*	WWW	ž	NNA	VARBL	CALM	

DIRNAVOCEANMET SMOS

155

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TOTAL NUMBER OF OBSERVATIONS

0

0

0

0

SURFACE WINDS JAN 78

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

SURFACE WINDS

(FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

73-77

YEARS

NOURS (L.S.T.)

ALL WEATHER

CONDITION

MEAN WIND SPEED	6.2	3.0	2.8	2.0	1.0	2.5		3.5	3.0	4.5	6.3	3.3	2.7	3.0		2.3			2.5
*	3.2	3.9	3.2	9.	9.	1.3		1.3	6.9	6.9	1891	4.5	7.1	1.3		2.6		41.3	100.0
% Al																		X	
8 . 8						16.00												X	
41.4																		X	
3 . 4																		X	
28 . 33																		X	
22.27																		X	
17 - 21																		X	
91 - 11																		X	
7 . 10	9.								0.		3.2							X	4.5
• •	1.9	1.3	1.3					0.	9.	5.2	7.1	1.9		•				X	22.6
1.3	9.	2.6	1.9	9.		1,3		9.	3,2	1.3	7.7	5.6	5.6	•		2.6		X	31.6
(KNTS) DIR.	z	NN.	<b>2</b>	ENE		ESE	38	SSE	•	SSW	NS.	WSW	*	WWW	NW	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

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93831

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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SURFACE WINDS JAN

3.9

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

1

SURFACE WINDS

73-77

BEAUFURTS SOUTH CAROLINA

NOURS (L.S.T.)

WEATHER

CONDITION

22 - 27

17 - 21

11 . 16

7.10

1.3

SPEED (KNTS) DIR.

1:3:2

z z z z

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TOTAL NUMBER OF OBSERVATIONS

155

2.9

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23.9

DIRNAVOCEANMET SMOS

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SPEED (KNTS) DIR.

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831

0

0

0

YEARS

ALL WEATHER

NOURS (LS.T.)

300

CONDITION

MEAN WIND SPEED	*		5.	5.	3.	5.	3.	3.	3.	•	5.	5.	*	•	3.		*
*	1.0	5.2	3.9	4.6	2.6	5.6	1.9	5.2	9.8	1.4	5.9	0.11	0*11	4.5	1.3	2.41	100.0
8																X	
48 · 55																X	
4.4																X	
34 . 46																X	
28 - 33																X	
n · n																X	
17.21																X	
11 - 16		0.		9.												X	1.3
7 - 10	9.	9.	1.3	2.6	9.		9.		1.3	1.9	3.9	3.9	2.6	3.		X	20.05
:	9.	1.9	1.9	3.9	1.9	2.6	1.3	2.6	2.6	3.9		5.8	4.3	1.9		X	35.5
:	9.	1.9	9.	2.6	2.0			2.6	4.5	1.9	2.6	1.3	3.9	1.9	1.3	X	28.4

WNW NW NW NWW

0

CALM

SSW SW

135

12

. 55 4

41 - 47

34 - 40

4.6

-3

SPEED (KNTS) DIR.

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SURFACE WINDS JAN 78

5.50

4.6

5.7

5.5

## SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831

YEARS

ALL WEATHER

CONDITION

13 NOURS (L.S.T.)

7 . 10	9.		9.	5.6	5.6	1.3	
91 . 11				9.			
17 . 21							
22 - 27							
28 - 33							
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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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WSW WSW

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2 2 2

WWW N N

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VARBL CALM

27.1

40.6

9.

MEAN WIND SPEED

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22 - 27

17 - 21

11 . 16

7 - 10

4.6

1.3

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## SURFACE WINDS

8

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CARULINA

93831 STATION

ALL WEATHER

1.0 6.1

3.2

5.3 4.0

1.9

7.8

111.0 22.0 3.9 11.9 11.9

TOTAL NUMBER OF OBSERVATIONS

155

6.6

100.0

8.4

41.9

35.5

1.3

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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3.5

10.3

100-100

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35

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VARBL CALM

SURFACE WINDS

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NOURS (L.S.T.)

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

BEAUFORT, SOUTH CAROLINA

93831

COMBITION

MEAN WIND SPEED	2.0	3.0	4.0	3.5	1.04	5.4	1.0	6.2	5.0	5.7	3.8	4.9	0.4	3.0	3.0	1.0			5.1
×	0.	1.3	9.	1.3	11.6	5.8	9.4	14.2	34.2	3.9	2.0	4.5	3.2	9.	9.	9.		5.8	100.0
8																		$\bigvee$	
48 - 55																		X	
41.4																		$\bigvee$	
4 . 4																		$\bigvee$	
28 - 33																		$\bigvee$	
n. n																		$\bigvee$	
17 . 21																		$\bigvee$	
11 . 16																		$\bigvee$	
7 - 10					1.9	1.3	4.3	7.1	13.5	1.3		1.9	9.					$\bigvee$	32.3
:		9.	9.	•	6.9	3.9	3.2	5.2	17.4	1.9	1.3	1.3	9.					$\bigvee$	43.2
:	9.	9.		9.	3.2	0.	9.	1.9	3.2	9.	1.3	1.3	1.9	9.	9.	9.		X	18.7
SKN35 PR.	z	¥	7	Z	-	ESE	*	388		SSW	NS.	ASA	*	WWW	N	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77 ALL WEATHER CONDITION BEAUFORT, SOUTH CAROLINA

VEARS

22 NOURS (L.S.T.)

MEAN WIND SPEED	4.0	2.0	3.0	1.0	3.4	1.0	3.6	3.2	4.2	4.4	4.7	3.0	2.0	3.0	2.0	2.0			3.1
*	9.	9.	2.6	9.	4.5	9.	5.2	0.6	31.6	0.6	7.7	4.5	9.	9.	9.	1.3		20.0	100.0
% AI																		X	
48 - 55																		X	
41.43																		$\bigvee$	
4.																		X	
28 - 33																		X	
22 - 22																		X	
17 . 21																		X	
5										9.								X	9.
7 . 10							0.		3.9	0.	1.3							X	6.5
;	9.		9.		1.9		1.3	3.2	14.8	3.2	3.9	7 . 3						X	31.0
::		9.	1.9		2.6	0.	3.2	30.00	12.9	4.9	5.6	3.2	•	9.	9.	1.3		X	41.9
SPEED (KNTS) DIR.	z	W.	¥	ENE	-	ESE	35	38		SSW	AS.	WSW	*	WNW	¥	NNN	VARBL	CALM	

SMOS DIRNAVOCEANMET

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155

5.5 4.8

5.2

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4:1

4.6 4.0 3.5

2.8

4.0

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

BEAUFURT, SOUTH CAROLINA

93831

YEARS

ALL WEATHER

COMBITION

::

SEED (KNTS)

ZZZ

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2 2 3

SSW ASA ASA

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*	2.4	2.9	2.6	3.4	5.6	3.6	3.9	4.9	1001	7.2	4.6	6.9	5.8	1.9	1.0	1.9	8.81	
XI																	X	
48 - 55																	X	
41 - 47																	$\bigvee$	
34 - 46																	X	
28 - 33																	X	
n · n																	X	
17 . 21																	X	
91 . 16		.1		2.	1.	1.	1.	1.	•	-:			.2				X	
7 - 10	.2	.2	*		1.3	1.	1.2	2.5	4.4	1.0	2.6	1.4	1:1	.2	.2		X	
:	. 8	1.2	1.2	1.3	2.3	2.0	1.5	2.0	9.9	3.5	4.2	3.3	2.3	9.	.2	*	X	

TOTAL NUMBER OF OBSERVATIONS

27.8

WW W

NW NAW

CALM

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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SURFACE WINDS

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HOURS (LS.T.)

AUG

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

BEAUFORT, SOUTH CAR

93831

COMBITION

MEAN WIND SPEED	3.3	3.2	3.4	2.0	3.0	3.0		3.0	3.9	4.3	5.4	4.7	1.5	2.0	2.5	3.3			2.2
*	8.4	3.2	3.2	9.	1.3	1.3		1.9	0.6	8.4	8.4	3.9	1.3	1.3	1.3	3.9		45.6	100.0
88 Al																		X	
8 . 83																		X	
41.0																		X	
4.4																		$\bigvee$	
28 . 33																		X	
22.22																		X	
17.21																		X	
11 . 16										•								X	9.
7.10	9.	9.							1.9	1.3	5.6	9.				9.		X	8.4
:	2.0		1.3		•	9.		9.	1.9	1.9	3.9	1.9						X	15.5
::	5.2	2.6	1.9	9.	9.	9.		1.3	5.2	4.5	1.9	1.3	1.3	1.3	1.3	3.2		X	32.9
KNTS)	z	N.	2	ENE	E	ESE	SE	SSE	8	SSW	SW	WSW	*	WNW	N.	NNW	ARBL	CALM	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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22 - 27

17 - 21

1 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

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155

TOTAL NUMBER OF OBSERVATIONS

9

21.9

26.5

NNW VARBL

CALM

2.2

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

2

SURFACE WINDS

73-77

BEAUFORT, SOUTH CAROLINA

93831

0

YEARS

NOURS (L.S.T.)

ALL WEATHER

CONDITION

*	11.6	2.6	9.		1.3	2.6	4.5	8.4	8.4	5.5	1.9	9.	1.9	43.9	100.0
<b>%</b> Al														X	
48 - 55														X	
41 - 47														X	
34 - 40														X	
28 - 33														X	

DIRNAVOCEANMET SMOS

0

155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831 STATION

0

0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

SURFACE WINDS

(FROM HOURLY OBSERVATIONS) 73-77 ALL WEATHER BEAUFURT, SOUTH CAROLINA

CONDITION

NOVES (L.S.T.)

AUG

MEAN WIND SPEED	4.0	4.3	3.7	5.0	4.0			1.0	3.6	3.6	4.3	3.7	3,3	1.5	3.0	3.0			2.6
*	13.5	11.6	4.5	9.	1.3			9.	3.2	5.8	6.9	10.3	7.1	1.3	9.	1.9		31.0	100.0
29 Al																		X	
48 - 55																		X	
41 - 42									b									X	
3 45																		X	
28 - 33																		X	
22 - 27																		$\bigvee$	
17 - 21																		X	
11 . 16	9.																	X	
7 . 10	1.3	1.9								0.								X	3.9
9:+	3.9	4.5	3.2	9.	9.		-		1.3	1.9	4.5	2.5	3.2			9.		X	29.7
÷:	7.7	5.2	1.3		9.			•	1.9	3.2	1.9	5.2	3.9	1.3	0.	1.3		X	34.8
SPEED (KNTS) DIR.	z	NNE	Z	ENE	3	ESE	SE	SSE	s	SSW	SW	WSW	*	WWW	×	NNN	VARBL	CALM	

0

## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CARDLINA

ALL WEATHER

NOURS (L.S.T.)

AUG

YEARS

73-77

CONDITION

MEAN WIND SPEED	4.8	5.7	4.5	6.9	4.3	2.3	4.8	4.7	4.3	6.2	3.9	5.7	4.0	4.5	3.5	3.7			4.3
×	8.4	8.4	8.4	7.7	5.8	2.6	2.6	1.9	6.9	5.8	5.2	3.9	14.8	1.3	3.9	4.5		8.4	100.0
<b>%</b>	1	/																X	
8 . 8																		X	
41.47																		X	
8 . 4																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21																		X	
11 . 16	0.			9.						•								X	1.9
7 . 10	1.3	3.9	1.3	3.6			9.	0.	1.3	9.	9.	1.3	1.3		•	9.		X	16.8
• •	3.2	1.9	5.2	3.9	4.3	0.	1.3	0.	2.6	3.2	9.		7.1		1.3	1.9		X	40.0
::	3.2	2.6	1.9	9.	1.3	1.9	•	0.	5.6	1.3	3.9	1.3	6.9		1.9	1.9		X	32.9
KNTS) DIR.	z	Z	¥	EN EN	-	ESE	*	358	•	SSW	×s	WSW	*	WWW	¥	NN.	VARBL	CALM	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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TOTAL NUMPER OF OBSERVATIONS

MEAN WIND SPEED

3

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER ALL

BEAUFORT, SOUTH CAROLINA

93631 STATION

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YEARS

13 HOURS (L.S.T.) AUG

COMBITION

17 - 21

11 - 16

7.10

4.6

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1.3

2 2 2

3.2 6.5 100.0 8 48 - 55 41 . 47 34 - 40 28 - 33 22 - 27

TOTAL NUMBER OF OBSERVATIONS

29.7

30.3

28.4

1.996

WSW WSW

WWW N N VARBL CALM

\*

SSW

155

5,2

SMOS DIRNAVOCEANMET

## SURFACE WINDS

12

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831 STATION

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER BEAUFORT, SOUTH CAROLINA

MEAN WIND SPEED	4.2	8.7	7.0	6.9	7.0	6.2	5.8	6.8	7.3	7.8	3.0	5.0	5.3	7.0	8.0	0.9			6.5
*	3.9	1.9	3.9	5.2	11.6	4.6	0.6	18.1	14.8	4.8	9.	3.9	2.6	0.	1.93	1.9		5.6	100.0
<b>3</b> 5																		X	
8 . 35																		X	
41.4																		$\bigvee$	
34.46																		$\bigvee$	
28 - 33																		X	
22 - 27																		X	
17 . 21																		X	
1 · 16		1.3	1.3	•	1.3	•			0.	1.9					9.	9.		X	0.6
7 - 10	1.3			1.9	3.0	3.9	3.2	9.7	4.8	3.9		1.3	9.	9.				X	40.6
:			1.9	2.6	3.2	3.9	3.9	5.2	4.5	1.3		1.9	1.9		9.	9.		X	31.6
.:	2.6	9.	9.		1.3	1.3	1.9	3.2	1.3	1.3	9.	9.				9.		X	16.1
SPEED (KNTS) DIR.	z	Z	N.	Z		ESE	35	356	s	ASS	NS	WSW	*	WWW	WW	NNN	VARBL	CALM	

OF O

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155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

3.9

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2000

5.3

6.1

7.1

SURFACE WINDS

SURFACE WINDS

10

19 HOURS (L.S.T.)

AUG

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

YEARS

ALL WEATHER

CONDITION

11.3 \* 2 48 - 55 41 . 47

34 - 40

. 33

28

22 - 27

17 - 21

11 . 16

7 - 10

SPEED (KNTS) DIR.

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1.3

1.3

8.4.004

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SSE

ESE

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WIND SPEED

TOTAL NUMBER OF OBSERVATIONS

135

4.4

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DIRNAVOCEANMET

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93831

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1.9.2.9

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9.

WWW N N VARBL CALM

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9.

9.

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WSW WSW

SSW

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21.3

38.7

0

28 - 33

22 - 27

17 - 21

11 . 16

7.10

-3

SPEED (KNTS) DIR.

9

1.3 1.3

ESE 2 2

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1.96

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2 2

0

2.8

# SURFACE WINDS

2

AUG

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CARDLINA

93831

73-77

YEARS

ALL WEATHER

CONDITION

2.0 100.0 1.9 25.2 \* 8 48 - 55 41 . 47 34 - 46

0 6 6 5 6

2.7.00

SSW

•

0

3.0

WNW

WSW \*

0

38

NW NAW

CALM

0

0

8.0

3.0

TOTAL NUMBER OF OBSERVATIONS

7.7

26.5

40.0

155

2.9

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

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AUG

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

ALL HOURS (LS.T.) 73-77 ALL WEATHER COMBITION BEAUFORT, SOUTH CAROLINA

MEAN WIND SPEED	4.2	5.0	4.7	5.6	5.0	4.8	4.9	5.1	4.8	5.6	4.7	4.6	4.4	3.6	3.4	4.1			3.8
*	7.2	5.3	4.8	3.4	2.0	3.9	3.8	6.9	10.0	6.9	5.5	5.0	5.5	1.3	1.4	2.0		20.9	100.0
% Al																		X	
<b>4</b> . 55																		X	
41.47																		X	
34 - 46																		X	
28 - 33																		X	
n. n																		$\bigvee$	
17 . 21																		$\bigvee$	
# · · ·	c.	.2		.2	7.	7.		7.	7.	4.	7.	-:	-:		7.	.2		X	2.4
7 . 10	0.1	1.3	•	6.	1.4	6.	1.0	1.9	2.1	2.0	1.2	1.0	1.0	2.	-			X	16.9
:	-	1.9	2.1	1.5	2.3	1.1	1.4	2.1	3.8	2.6	2.1	1.8	2.2			•		X	29.3
:	0.4	2.0	1.7	3	2.3	1.2	1.4	2.2	4.0	1.5	2.1	2.1	2.3	20.	6.	1.4		X	30.5
KNTS)	z	Z	¥	EK.		ESE	3	355	•	SSW	AS.	WSW	*	WWW	N.	NNN	VARBL	CALM	

o e

1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

4.8

10.0

1.8

SURFACE WINDS

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10 01 mount

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

ALL WEATHER

YEARS

COMBITION

17 - 21

11 - 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

2.0

2 to 2

6.0

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3.0 8 9 9 3.5 3.0 100.0 33.3

150

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93831 STATION

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200-1

WWW

NA Y VARBL CALM

3.3

5.3

- 2 2 2 -

SSW WSW

21.3

40.0

2 6 9 2

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-3

SPEED (KNTS) DIR.

## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831

0

YEARS

NOURS (L.S.T.)

SEP

ALL WEATHER

COMDITION

MEAN WIND SPEED	3.7	5.0	5.1	2.3	3.5	4.3	3.8	3.3	3.6	3.1	3.2	3,3	3.2	3.3		2,3
*	10.0	7.3	8.0	2.0	1.3	2.0	2.7	2.7	3.3	4.1	0.0	2.0	3.3	4.1	0.04	100.0
S Al															X	
48 . 55															X	
4.4															X	
4 . 4															X	
28 - 33															X	
22 - 27															X	
17 - 21															X	
9															X	r.
7 . 10	1.3	2.0	2.7			*									X	8.0
	6.5				•			•	•	•	0.3		1.3	0	1	8.0

WWW

\*

NNN VARBL CALM

0

¥

WSW WSW

SSW

8

0

2 2 2

0

150

3.5

WINDS SURFACE O

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831

VEARS

ALL WEATHER

07 HOURS (L.S.T.)

SEP

CONDITION

3

2

22 - 27

17 - 21

11 . 16

7.10

4.6

1.3

0.0

6 9

MEAN WIND SPEED 15.3 1.3 207 36.0 100.0 8 48 - 55 41 . 47 34 - 40

-

3.5

3.0

3.5

3.00

150

TOTAL NUMBER OF OBSERVATIONS

9.3

20.0

33,3

2.0

1.3

WSW

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SSW S

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2 2 2

NA W

VARBL ZZ

CALA

2.6

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

41 - 47

34 . 46

28 - 33

22.27

17 - 21

11 . 16

7 - 10

4.6

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SENTS DE

7.3

12.4

Z Z Z

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6.4 5.0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

NO

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

SURFACE WINDS

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831

0

0

9

ALL WEATHER

10 HOURS (L.S.T.)

SEP

13.00 N N N O O N N O O 3.3 8 48 - 55

2.0

1.3

3.3

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WSW WSW SSW

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(1)

WWW N. N.

VARBL CALM

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. E.

2.0

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TOTAL NUMBER OF OBSERVATIONS

150

5.1

100.0

24.7

34.7

0.

0

7.3

DIRNAVOCEANMET SMOS

WINDS SURFACE 0 E 6

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFURT, SOUTH CARDLINA

93831

0

0

0

YEARS

ALL WEATHER

CONDITION

0

-

13 HOURS (L.S.T.)

SEP

5.0 24.004.200 5.4 2.9 3.7 5.0 MEAN WIND SPEED 20007 3.3 100.0 \* 8 48 - 55 . 40 7 \$ 7 33 2 . 27 2 17 - 21 11 . 16

Z z z

7.10

1.3

SENTS OF SE

0

1.3 4.7

2 2 2

0

.

2.7

WSW WSW

0

MSS

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0

150

TOTAL NUMBER OF OBSERVATIONS

30.7

34.7

26.0

¥ ×

0

VARBL CALM

WWW

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DIRNAVOCEANMET

SURFACE WINDS

2362

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

93831

0

0

0

73-77

ALL WEATHER

16 HOURS (L.S.T.)

SEP

CONDITION

28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

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SPEED (KNTS) DIR.

2.0

4.0

2:

3.3

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2 2

ESE

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28 28 20

5.8 3.0 WIND SPEED 1.3.3 13.3 15.3 14.0 6.1 10000 6.7 128 48 - 55 41 - 47 34 - 46

2.0

2.

WSW

0

WWW

\*

SSW

0

SW

0.4.0

OH

0

0

0

150

TOTAL NUMBER OF OBSERVATIONS

6.0

34.0

36.0

17.3

0

NNW VARBL

0

CALM

0

DIRNAVOCEANMET SMOS

SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND

FROM HOURLY OBSERVATIONS)

ALL WEATHER COMBITION BEAUFORT, SOUTH CARDLINA

73-77

19 HOURE (L.S.T.)

MEAN WIND SPEED	4.8	4.2		9.9	3.2	3.8	5.1	4.7	4.4	3.8	3.0	0.4	4.6	2.0	4.0	1.5			3.7
*	10.7	3.3		1.0	14.7	10.7	4.7	6.7	10.0	2.7			4.7	2.0	1.3	1.3		13,3	100.0
% Al																		X	
48 - 55																		X	
41.4																		X	
34 - 40																		$\bigvee$	
28 - 33																		X	
22 - 22							100											X	
17.21				. 7														X	.7
1. 16				. 7														X	2.0
7 - 10	2.7	.7				1.3	1.3		2.0						1.			X	8.7
:	4.0	.7		2.7	5.3	0.4	2.7	3.3	10.0	1.3		1.	2.0					X	36.7
1.3	4.0	2.0		2.7	6.3	5.3		2.7	0.4	1.3			2.0	2.0		1,3		X	38.7
SPEED (KNTS) DIR.	z	N.	¥	ENE		ESE	*	SSE	•	ASS	NS.	WSW	*	WWW	WW	NNN	VARBL	CALM	

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

150

TOTAL NUMBER OF OBSERVATIONS

0

0

0

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831 STATION

0

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0

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

YEARS 73-77 ALL WEATHER CONDITION BEAUFORT, SOUTH CAROLINA

22 HOURS (L.S.T.)

SEP

WIND WIND SPEED	3.8	5.3	3.6	5.0	2.8	4.3	2.0	4.9	3.9	4.0	3.0	4.5	4.0	5.0	2.0	1.6			2.8
*	0.0	6.3	5.3	3.3	3.3	2.7	2.0	4.7	10.0	10.7	0.4	1.3		2.7		3.3		30.0	100.0
% AI																		X	
48 - 55																		X	
41 . 47																		X	
34 - 40																		X	
28 - 33																		X	
22 - 27																		X	
17 . 21																		X	
11 . 16				.7					.7	.7								X	2.0
7 - 10		2.0	.7			.7		1.	1.3	. 7		. 1		. 1				X	8.0
9.+	1.3	5.3	2.0	1.3	1.3	. 7		2.7	2.0	4.0	1.3							X	24.0
6:-	0.4	2.0	2.7	1.3	2.0	1.3	2.0	1.3	6.0	5.3	2.7					3.3		X	36.0
SPEED (KNTS) DIR.	z	NNE	¥	ENE		ESE	SE	SSE		SSW	SW	WSW	*	WNW	¥	NNA	VARBL	CALM	

# SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

YEARS

BEAUFORT, SOUTH CARDLINA

93831

ALL WEATHER

ALL HOURS (L.S.T.)

SEP

CONDITION

MEAN WIND SPEED	4.6	5.3	6.2	5.7	2.5	5.5	5.9	3.6	404	0.4	6.5	4.3	3.4	0.0	0.4	3.2			2.0
*	9.8	8.9	5.2	4.4	7.5	3.7	2.9	3.7	7.5	4.0	3.4	4.6	4.1	1.9	1.2	3.7		2112	0001
<b>3</b>																		X	
48 - 55														3				X	
41.4																		X	
34 - 40																		X	
28 - 33																		X	
2.2																		X	
17 . 21				7.							4							X	•
51 . 16	.2		*.	.2	•	.2	.2	7.	7.	1.	1.	-	7:					X	
7 - 10	1.9	2.5	1.8	1.0	7.0	5.		0.1	1.7		9.	6.	-:	~	.2	.2		X	1 71
:	3.2	3.4	2.1	7.0		1.3	6.	1.3	2.7	1.1	1:1	1.5	1.7		1:1	1.3		X	6 86
:	4.5	2.7	0.	1.5	2.8	1.2	6.	1.4	3.0	2.3	1.1	2.1	2.8	1.0		2.2		X	2
SYED (KNTS) PR.	z	Z	¥	Z		353	*	356	•	SSW	AS.	WSW	*	WWW	¥	NNW	VARBL	CALM	

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0

0

1200

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

(FROM HOURLY OBSERVATIONS)

73-77 ALL MEATHER COMBITION BEAUFORT, SOUTH CAROLINA

HOURS (L.S.T.)

100

MEAN WIND SPEED	4.3	3.7	4.3	0.4		3.0	5.5	0.9	5.6		5.5	4.0	6.8	1.7	3.4	1.8			2.5
*	15.5	7.1	2.5	1.3		9.	1.3	1.3	3.2		2.0	3.9	6.5	1.9	5.2	2.6		41.9	100.0
*									- XX									X	
8 - 8																		X	
0.11																		$\bigvee$	
3 . 4																		$\bigvee$	
28 - 33																		$\bigvee$	
n . n																		X	
17.21																		X	
11 . 16	0.												0.					X	1.3
7 - 10	2.6	0.	•				9.	0.	1.3				3.2					X	10.3
:	3.9	1.9	3.2	9.					1.3			2.6	1.9		9.			X	16.8
:	8.4	*	1.3	9.			8.		9.		2.6	1.3	5.	1.9	3.9	2.6		X	29.7
SPEED (KNTS) DIR.	z	N.	¥	Z	3	25	*	355	•	NS8	MS.	WSW	*	WHW	¥	MAN	AARBL	CALM	

0

0

0

0

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155

TOTAL NUMBER OF OBSERVATIONS

3.2

2.0

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SURFACE WINDS JAN 78

MEAN WIND SPEED

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12

48 - 55

41 . 47

34 - 40

28 - 33

22 - 27

17 - 21

11 - 16

7.10

4.6

1.3

SPEED (KNTS) DIR.

1.9

2.6

7.7

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

SURFACE WINDS

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831 arange

ALL WEATHER

04 NOVRS (1.5.T.)

1.96

WSW WSW

SSW

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1.9

2.0

9.

OF O

TOTAL NUMBER OF OBSERVATIONS

155

100.0

38.7

DIRNAVOCEANMET SMOS

0

0

0

WWW NN ANN VARBL

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CALK

12.9

20.6

26.5

SURFACE WINDS

3

NOURS (L.S.T.)

100

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831

ALL WEATHER

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COMBITION

MEAN WIND SPEED		5.5	3.6		3.5	1.0	2.5		5.7	4.5	2.8	7.3	4.6	4.0					3.2
×	21.3	12.9	7.1		1.3	9.	1.3		1.9	1.3	5.8	1.9	1.1	6.1	9.5	8.8		1.75	100.0
<b>3</b> 6 VI																		X	
8 - 55																		X	
41.4																		X	
34 - 46																		X	
28 - 33																		X	
n · n																		X	
17 . 21																		X	
91 . 11		9.														•.		X	1.3
7 - 10	5.2	3.2	9.						1.3	9.		-	1.9	9.		1.3		X	16.1
:	7.1	4.9	2.6		0.						7.3	9.	1.9					X	18.7
::	0.6	4.3	3.9		9.	9.	1.3		5.	9.	4.5		3.2	1.3	2.6	3.9		X	36.8
(KNTS) DIR.	z	NNE	2	Z		252	*	388	•	SSW	NS.	WSW	*	WWW	W	NNN	VARBL	CALM	No.

SURFACE WINDS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER BEAUFORT, SOUTH CAROLINA

COMBITION

YEARS

NOVES (L.S.T.)

DCT NONTE

MEAN WIND SPEED	4.0	6.9	4.9	5.4	4.1	5.5	3.0	6.3		5.3	3.7	8.0	1.0	5.5	3.5	4.0			5.8
,	19.4	17.4	17.4	4.5	1.9	1.3	9.	1.9		3.9	1.9	3.9	8.4	5.2	1.3	3.9		7.1	100.0
<b>3</b>																		X	
<b>4</b> 8.																		X	
41 - 47																		X	
34 - 40																		X	
28 - 33																		$\bigvee$	
n - n																		X	
17 - 21									*			9.						$\bigvee$	9.
91 - 11	3.2	1.9	9.					9.					1.3	9.				$\bigvee$	8.4
7 - 10	7.7	7.7	8.4	1.3	9.	9.				1.9		1.9	1.9	1.3				X	33.5
• • •	3.9	4.5	7.1	1.9				9.			9.	9.	2.6	9.	9.	2.6		X	25.8
:-	4.5	3.2	1.3	1.3	1.3	9.	9.	9.		1.9	1.3	9.	2.6	2.6	9.	1.3		X	24.5
SPEED (KNTS) DIR.	z	NN	2	ENE	3	353	35	SSE	s	SSW	SW	WSW	*	WWW	NN	NNW	VARBL	CALM	

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155

22 - 27

17 - 21

11 - 16

7 - 10

4.6

SPEED (KNTS) DIR.

20000

3.5

ENE

1.5

- 2 2 2 2

-

5.5

5.3

5.4

8.2 8.2 8.3

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

73-77

YEARS

13 HOURS (L.S.T.)

WEATHER

ALL

COMPITION

100.0 \* 20 . 55 4 . 47 7 34 - 45 28 - 33

TOTAL NUMBER OF OBSERVATIONS

5.8

27.7

34.8

25.8

155

5.5

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

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. 47 7

34 - 40

28 - 33

22 - 27

17 - 21

11 . 16

7.10

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SPEED (KNTS) DIR.

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SURFACE WINDS JAN 78

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155

100.0

1.9

5.8 5.2

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

5

WINDS

SURFACE

73-77

BEAUFORT, SOUTH CAROLINA

93831

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ALL WEATHER

16 HOURS (L.S.T.)

DCT.

CONDITION

1.996

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23.2

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831

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ALL MEATHER

19 HOURS (L.S.T.)

DC.

17 - 21

11 . 16

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SPEED (KNTS) DIR.

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TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

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17 - 21

11 . 16

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SPEED (KNTS) DIR.

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SURFACE WINDS

22

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

BEAUFURT, SOUTH CAROLINA

73-77

22 NOURS (L.S.T.)

CONDITION

ALL WEATHER

4---

TOTAL NUMBER OF OBSERVATIONS

155

2,5

100.0

44.5

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

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### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831

0

YEARS

HOURS CLEAT

WEATHER CLASS

ALL

CONDITION

22 - 27

17 - 21

11 - 16

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4.6

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SPEED (KNTS) DIR.

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MEAN WIND SPEED 100.0 23.8 \* 28 . 55 3 . 47 7 34 - 46 28 - 33

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TOTAL NUMBER OF OBSERVATIONS

17.3

25.3

30.2

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SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

2.7

MEAN WIND SPEED

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28 - 33

22 - 27

17 - 21

11 . 16

7 . 10

1.3

SPEED (KNTS) DIR.

# SURFACE WINDS

10

NOURS (L.S.T.)

YON

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

YEARS

ALL WEATHER

COMBITION

128 48 - 55 41 - 47 34 - 40

1.3

TOTAL NUMBER OF OBSERVATIONS

150

100.0

39.3

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DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

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# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

BEAUFORT, SOUTH CAROLINA

93631

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YEARS

NOURS (L.S.T.)

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COMDITION

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SPEED (KNTS) DIR.

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4 . 55							1									X	
4.4																X	
4 .						T										X	
28 . 33						T										X	
n. n						T										X	
17 - 21					1											X	
11 - 16		. 1										1.				X	2.0
7 - 10	2.7				1			4.	. 7		.7	4.0	2.0			X	12.0
•	4.0		2.7	-	•		1	1.3	2.0	2.7	1.3	3.3	3.3	1.3	-	V	25.3

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DIRNAVOCEANMET SMOS

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TOTAL NUMBER OF OBSERVATIONS

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SPEED (KNTS) DIR.

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5.8 3.0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

07 HOURS (L.S.T.)

NON

WEATHER

48 - 55 41 . 47 34 - 40 28 - 33

TOTAL NUMBER OF OBSERVATIONS

150

2.7

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DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

ALL WEATHER

YEARS

73-77

BEAUFORT, SOUTH CAROLINA

93831

NOURS (L.S.T.)

NON

CONDITION

MEAN WIND SPEED	6.2	6.5	4.4	6.3	3.7	3.5	3.0	2.0	8.4	6.9	5.8	6.3	8.6	6.3	5.3	6.1			5.5
*	11.3	8.7	10.0	4.7	6.7	1.3		1.3	3,3	0.9	6.7	4.7	1.00	10.7	4.7	4.7		8.0	100.0
<b>9</b>																		X	
48 - 55																		X	
41.4																		$\bigvee$	
34 - 46																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21																		$\bigvee$	
11 - 16	1.3		,										2,0	1.3				X	8.7
7 . 10	2.7	2.7	1.3						2.0	2.0	2.0	1.3	2.7	3.3		1.3		X	24.0
•	6.0	3.3	6.7	2.7	2.0	•				2.7	4.0	2.0	1.3	4.0	2.0	3.3		X	42.0
::		1.3	2.0	4.	0.4			1.3			4.			2.0	1.3			X	17.3
SPEED (KNTS) DIR.	z	W X	¥	ENE		55	*	SSE	•	SSW	AS.	WSW	*	WNW	¥	NNN	VARBL	CALM	

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150

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

OF

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

YEARS

13 HOURS (L.S.T.)

NON

COMBITION

MEAN WIND SPEED	3.6	5.3	4.2	5.4	6.5	5.0	0.9	5.7	6.7	1.9	7.0	6.7	8.1	9.9	4.4	6.3		5.6
×	8.0	5.3	4.0	9.3	7.3	2.0		0.4	8.0	5.3	1.3	9.3	12.7	0.9	3.3	0.9	7.3	100.0
8																	X	
48 - 55																	X	
4.4																	X	
3. 4.																	X	
28 . 33																	X	
22 - 27																	X	
17 - 21																	X	.7
11 . 16					٠.								2.7	. 1			X	4.7
7 - 10	2.0	2.0	. 7	2.7	2.7	۲.		1.3	4.0	2.0		0.4	0.9	2.0	.1	2.7	X	34.0
• • •	.,	1.3	1.3	4.0	3.3	1.	۲.	2.7	3.3	2.0		2.0	2.1	2.0	1.3	1.3	X	30.0
1.3	5.3	2.0	2.0	2.7	. 1	. 7				1.3		2.7	1.3	1.3	1.3		M	23.3

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

BEAUFORT, SOUTH CAROLINA

SPEED (KNTS) DIR.

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SW WSW X

NW NNW VARBL

CALM

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MEAN WIND SPEED

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22 - 27

17 - 21

11 . 16

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SPEED (KNTS) DIR.

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# SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

NEATHER CLASS

NOURS (L.S.T.)

NON

TOTAL NUMBER OF OBSERVATIONS

150

5.6

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SMOS DIRNAVOCEANMET

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

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### SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

BEAUFORT, SOUTH CARDLINA

93831

COMDITION

NOURS (L.S.T.)

NO.

MEAN WIND SPEED	4.0	4.0	3.5	3.9	3.9	3.3	3.3	3.3	3.8	4.5	2.3	3.6	4.0	9.0	5.0	3.0			
*	4.4	2.7	2.7	6.7	4.7	2.0	2.7	8.0	12.0	5.3	2.7	4.7	7.3	2.0	0.4			27.3	000
X Al																		X	
8 - 35																		X	
41 - 47																		X	
34 - 40																		X	
28 - 33																		X	
22 . 27																		X	
17 . 21																		X	
11 - 16																		X	
7 . 10	.7	.7			1.								2.0	. 7	1.3			X	
•••	2.0		1.3	2.7	1.3		1.3	4.0	5.3	3.3		1.3	2.7		1.3			X	98.7
1.3	2.0	1.3	1.3	3.3	2.7	1.3	1.3	0.4	0.9	1,3	2.0	2.7	2.0	1.3	1.3				24.7
SPEED (KNTS) DIR.	z	NN	N.	Z	•	ESE	35	388	8	SSW	SW	WSW	*	WWW	N	NNW	VARBL	CALM	

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150

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

=

SURFACE WINDS

73-77

BEAUFORT, SOUTH CAROLINA

YEARS

ALL WEATHER

22 NOURS (1.5.T.)

NON

3.3 3.5 MEAN WIND SPEED 8.0 2.0 1.3 1.3 8 \* 3 48 - 55

. 47 7

34 . 46

28 - 33

22 . 27

17 - 21

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TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

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93831

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22 . 27

17 - 21

11 . 16

7 - 10

1.3

4.0

4.5

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100

4.9

5.7

SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

BEAUFORT, SOUTH CAROLINA

93831 aration

73-77

ALL HOURS (L.S.T.)

NO.

WEATHER

ALL

TOTAL NUMBER OF OBSERVATIONS

1200

3.9

100.0

25.9

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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WSW WSW

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16.9

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VARBL CALM

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3.6

MEAN WIND SPEED

10.0

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WINDS SURFACE

> PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

VEARS

73-77

BEAUFORT, SOUTH CAROLINA

93831

CONDITION

ALL MEATHER

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390

28 - 33

. 27 2

17 - 21

11 - 16

7 - 10

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KNTS) DIR.

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TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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17.4

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19.4

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER CONDITION BEAUFURT, SOUTH CAROLINA

04 HOURS (L.S.T.)

DEC

48 - 55   2-56 % WIND SPEED	7.7 3.9	5.2 5.1		1.3 6.0		0.4 0.	0.4 4.0	2.6 5.0	3.9 8.3	5.2 4.6	4.5 7.3	5.2 4.6	9		3.9 5.0	3.2 4.0		91.0	
34 - 40 41 - 47																		$\bigvee$	
28 · 33																			
17 . 21 . 22 . 27											9.							X	
1 . 16	0.	6	9.	9.				0	0.	5.	0		9 2.6	0	0.			X	
4.6 7.10	1.9	I		9.		0.	9.	1.3	1.3	1.3	3.2	4.3	5.8 3.	1.3	1.9	1.9		X	
- ·	2.4	9.	9.					9.		1.9		9.	5.2	1.9	1.3	1.3		$\langle \rangle$	4.
SPEED (KNTS) DIR.	z	NA.	¥	ENE	•	183	*	388		SSW	AS.	WSW	*	WWW	¥	NNW	VARBL	CALM	

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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93831

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DIRNAVOCEANMET SMOS

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WSW WSW

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1.3

VARBL CALM

13.000

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2.6

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

HOURS (L.S.T.)

DEC

BEAUFURT, SOUTH CAROLINA

93831

0

ALL WEATHER

COMBITION

2.0 5.3 MEAN WIND SPEED 1.3 6.7 1.3 \* 8 . 55

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41 . 47

34 - 40

28 - 33

22 - 27

17 - 21

11 - 16

7 . 10

4.6

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SPEED (KNTS) DIR.

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TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER CONDITION BEAUFORT, SOUTH CAROLINA

NOURS (LS.T.)

DEC

MEAN WIND SPEED	6.5	6.7	5.4	0.9	2.8	2.0	3.7	4.7	7.1	7.7	10.6	6.3	7.6	7.8	5.0	6.3			6.1
*	7.1	11.6	8.4	4.5	3.2	9.	1.9	1.9	0.6	3.9	4.5	7.7	10.3	11.0	3.9	1.9		8.4	100.0
% Al																		X	
8 . 55																		X	
41.4																		X	
2. £																		X	
28 - 33																		X	
22.22																		X	
17 - 21											9.		9.					X	1.3
91 - 11		1.3		0.					9.	1.3	1.9	1.3	1,3	5.6				X	11.0
7 . 10	4.5	3.9	5.6	1.3					4.5	1.3	9.	9.	3.9	4.5	1.3	1.3		X	30.3
:	1.3	4.8	3.2	1.3	1.3		1.3	1.3	1.9	1.3	9.	4.5	1.9	1.3	9.	9.		X	27.1
:	1.3	1.9	5.6		1.9	0.	9.	5.	1.9		9.	1.3	5.6	2.0	1.9			$\langle \rangle$	21.9
SEED (KNTS) DIR.	z	Z Z	¥	E E		252	*	386	s	SSW	NS NS	MSM	*	WWW	¥	NNW	VARBL	CALM	

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155

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 ALL WEATHER

BEAUFORT, SOUTH CAROLINA

93831

0

YEARS

HOURS (L.S.T.) 13 DEC

COMBITION

SPEED (KNTS) DIR.

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MEAN WIND SPEED	5.5	9.9	6.1	9.0	9.0	6.5	9.0	6.9	8.3	9.2	6.1	9.6	8.0	6.6	6.3	9.0		7.1
×	1:	4.5	2.5	2.6	3.2	1.3	1.3	6.5	11.6	4 . 8	4.5	2.5	17.4	4.5	7.7		5.8	100.0
35 Al																	X	
48 . 55																	X	
41.4																	X	
34 - 40																	X	
28 - 33																	X	
22 - 27																	X	
17 . 21										•		•	1.3				X	2.6
. i			0.		9.			0.	2.6	6:7	1.3		3.2	1.3	•		X	12.9
7 . 10	1.9	1.3	1.3	5.6	1.3	9.	9.	3.2	5.2	3.2		3.2	5.8	5.0	5.6		X	35.5
	-	N	0	-	0	-	0	-	0	-	-	-	N	0	N	0	(	m

WWW

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SW WSW

8

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CALM

0

VARBL

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 SEAUFORT, SOUTH CAROLINA

ALL MEATHER

YEARS

16 HOURS (1.5.T.)

DEC

CONDITION

;	7 . 10	5.	17 - 21	2.2	28 - 33	34 . 46	41.4	\$ . 55	8	*	MEAN WIND SPEED
9.	1.9									5.2	5.4
100										2.6	3.8
9	1.3	0.								3.2	7.8
0	1.9									5.2	5.0
5.6	2.6	•								6.9	4.0
5.	9.									2.6	5.8
-	1.3									2.6	4.0
2.6	1.9									4.5	5.9
	3.2	1.3								14.2	6.5
	1.9	•								3.9	7.5
9.	1.3	9.								5.2	4.0
9.	1.3	1.9								4.5	8.4
1.1	5.2	3.9	1.9							21.3	8.1
9.	5.2	1.9								9.7	8.2
6.	•									2.6	6.9
9.										0.	0.4
$(\cdot)$	X	X	X	X	X	X	X	X	X	5.8	
3 A B	30.9	a 5j									

0

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

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28 - 33

22 - 27

17 - 21

11 . 16

7 - 10

SPEED (KNTS) DIR.

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#### VINDS SURFACE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

73-77

WEATHER CLASS

ALL

VEARS

COMBITION

HOURS (L.S.T.) 19

DEC

8 . 55 4 . 47 7 \$ 2

9

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1.3 9.

7:1

3.00

1,3 5,2 3,2 1,9

13.9

TOTAL NUMBER OF OBSERVATIONS

155

100.0

25.8

DIRNAVOCEANMET

0

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93831

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1.9

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WWW N N VARBL CALM

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3.00

16.1

31.0

24.5

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

BEAUFORT, SOUTH CAROLINA

93831 STATION

ALL WEATHER

22 HOURS (L.S.T.)

DEC

CONDITION

MEAN WIND SPEED	3.3	4.3	4.5	5.0	1.0	12.0	4.0	5.8	5.2	7.3	4.3	4.3	7.3	8.0	10.3	2.7			4.0
×	3.9	4.5	2.6	2.6	9.	9.	1.9	3.9	10.3	8.4	5.8	6.5	12.9	1.3	2.6	1.9		29.7	100.0
<b>8</b>																		X	
8 . 55																		X	
41.4																		X	
34 - 46																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21													9.					X	9.
91 . 11						9.		9.		1.9		9.	1.3	9.	1.3			X	7:1
7 - 10		9.	9.	9.				1.3	3.2	2.6	9.		5.8		1.3			X	16.8
• •	1.9	2.6	9.	9.			1.9	9.	3.9	2.6	2.6	5.6	5.2	9.				X	25.8
.:	1.9	1.3	1,3	1.3	9.			1.3	3.2	1.3	2.6	3.2				1.9		$\langle \rangle$	20.0
SPEED (KNTS) DIR.	z	NNE	Ne ne	ENE	8	ESE	38	SSE	8	SSW	SW	WSW	*	WWW	WW	NNN	VARBL	CALM	

0

0

10

155

MEAN WIND SPEED

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

BEAUFURT, SOUTH CAROLINA

93831

0

73-77

ALL HOURS (L.S.T.)

DEC

ALL WEATHER

COMPITION

- 2 2

11 . 16

7 . 10

4.6

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SPEED (KNTS) DIR.

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V 0 3 0 W V 3

WSW

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40-

1.0

1.8

4.0

1.3

TOTAL NUMBER OF OBSERVATIONS

1240

100.0

0

8.0

21.8

29.0

18.5

CALM

200

SMOS DIRNAVOCEANMET

22 - 27

17 - 21

11 . 16

7 - 10

SPEED (KNTS) DIR.

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1.3

SS 22

5.4.2

6.9

5.8

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

BEAUFORT, SOUTH CAROLINA

93831

73-77

YEARS

WEATHER

CONDITION

-0

0.1.

1:3

WSW WSW

0

0

SSW

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0

WWW NN W VARBL

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• 1

TOTAL NUMBER OF OBSERVATIONS

·

0.0

22.0

29.6

23.6

CALM

0

14605

:

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

1480

TOTAL NUMBER OF OBSERVATIONS

0

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

SURFACE WINDS

BEAUFORT, SOUTH CAROLINA

93831

0

73-77

YEARS

INSTRUMENT

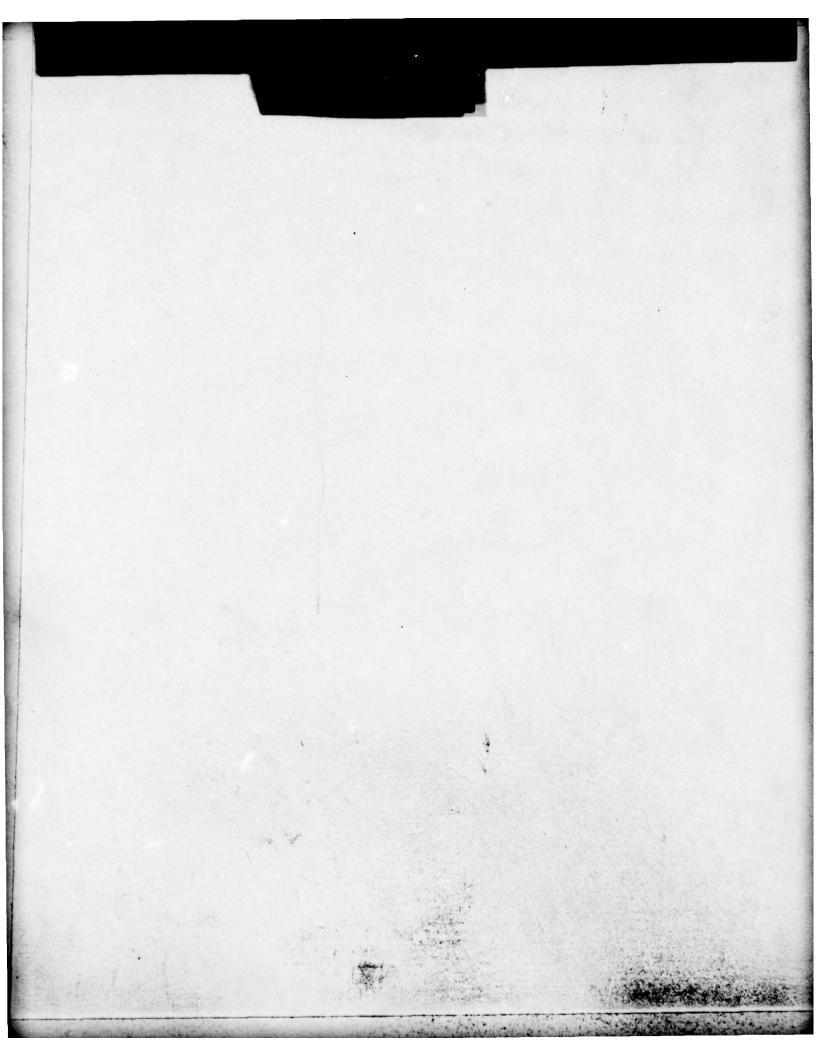
ALL HOURS (LS.T.)

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

AND/ONA

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MEAN WIND SPEED	5.9	2 6.3	8 6.1	3 6.2	7 6.1	5.6	2 6.1	9.9	3 7.1	4.9 4.	5.7	6.5		6.9	6.5	7 5.5			5.3
*	12.0	9.2	5.8	6.3	**	2.5	2.2	3.	8.3	9.	3.6	0.4	7.0	3.0	3.9	4.		15.7	100.0
% Al																		$\bigvee$	
86 - 85																		X	
41 - 47																		$\bigvee$	
34 - 46																		$\bigvee$	
28 - 33																		$\bigvee$	
2.2							7.											X	
17 . 21				7.				7.	7.				-	1.	-			X	.5
91 . 12	6.	6.			**	7.	.2	*.	2.3			7.				*.		X	8.4
7.10	3.7	3.2	1.6	1.4	1.6		4.	1.0	2.8	1.7		1.6			1.4	1:1		X	25.9
:	4.4	3.1	1.8	1.5	1.5	6.	0.	1.4	5.5	2.0	1.7	1.8	2.1	6.		2.0		X	29.1
:	3.0	2.0	1.0	7:1	1.2	۲.	4.	0	1.0	1.0	1.0	3.	1.7		1.4	1.3		X	20.3
SPEED (KNTS) DIR.	z	W X	¥	ER		ESE	35	SSE	•	SSW	NS.	WSW	>	WWW	ž	MNN	VARBL	CALM	



#### PART D

# CEILING VERSUS VISIBILITY

equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to presented as follows:

- . Annual all years and all hours combined
- . By month all years and all hours combined
  - By month by standard 3-hour groups

station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visi-One to the cumulative nature of this presentation, it is possible to determine the percentage frequency of ferring to totals in the extreme right hand column. Also, visibility may be determined independently by bility. The totals progress to the right and downward. Ceiling may be determined independently by reon pages 2 and 3 below. U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque. includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no

	0 1	75	92.6	316		10 TO	98.1	W 1	100.0
	% ~	75	10 C	To the		1000		8 76,730	As to
	≥ 5/16		SE CONTRACTOR	A TOTAL		ng Ne		5987 T	o series
	٧ ٧		5 (0.5)	Market		and and		0 5 m	
	% A			104		ST7		6677	1,604
	% N							10 82	Legal
ES	- AI		10 mg/s			on Addition	4.72	A TARTO	98.3
VISIBILITY (STATUTE MILES)	71 2	3	of test in			ğ		3797	
BILITY (ST.	21%		31	0.0100					8.00
NISI	2 1	(	18	142				6;33°	6.96
	≥ 2%	7(	880					111 4	0 II
	N N	7	0.19	TODA.					95.4
	N N		100	9 19 6					
	S AI	75	)	15					
	9 N	(	8.						0.00
	01 %	3	T 2,446 ()	1877					
CEILING	(FEET)	NO CEILING	VI VI 081 081 081	N 1200 1000	0 08 0 08	VI VI 000 000 000 000 000 000 000 000 000 0	V V V	20 00 10 10	8 0

Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table: Ceiling > 1500 feet = 92.6%.

Ceiling > 500 feet = 98.1%. EXAMPLE # 1

Read visibilities independently of ceilings on bottom line opposite > 0. From the table: Visibility > 3 miles = 95.4%.
Visibility > 2 miles = 96.9%.
Visibility > 1 mile = 98.3%. EXAMPLE # 2

To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%. EXAMPLE # 3

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet < 3 miles, subtract the value read from the table at the intersection, which is 91.0, and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value observations meeting the lower set of limits, but not meeting the higher set of limits. in the table for the second set of limits. The difference will be the percentage of

The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "celling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet with visibility > 1 mile. Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

#### DART D

### SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data. NOTE: # 1:

Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

TENTHS	0-	1 m	7	N,	စ ထ	۰3
BE CONTRACT						
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						(or obscured)
CTAS	Par L		Station.		010	
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#### CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (EST.)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	S						
(FEET)	2	٥ ٨١	S AI	4	e Al	Y 21/4	2 2	¥1 ¥	VI 71	-	× Al	*	Z AI	≥ 5/16	N N	O AI
NO CEILING				:	3	9		57.4	-		-	2.		7.	7.	58.1
≥ 20000		50.3		8	6	100		61.3	-	•	-	1		61.3	61.3	61.9
00081 ₹		50.3		8.		0	.0		1.	1.	1.	1.		1.		61.9
00091 ₹		50.3		8	6	0	0	61.3	1	61.3		1.	1.	1.	1:	61.9
		50.3		8.		.0		1.	1.	1.	1.	1:			1.	61.9
≥ 12000		50.3	•		6		9	•	:		-	-	-		-	61.9
≥ 10000		52.3		-	-	•										64.5
		52.9	•	-	•	3.	3.	- 1				;				65.2
		55.5	63.2	65.2	65.8	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.4
> 7000		56.1		5		7.			8.		8	8	8.			69.0
		56.1	•	3.	.9	7.	7.		8.	8.	8		8			69.0
2000		58.7					6		-		-	1:	1:		-	71.6
		58.7					0	-	.:	-	-		1.		:	71.6
4000		59.4		6	•	-			2		2	2	2.		2.	72.9
		60.0		0		2.	2.		2	2	2.	2.	2.		2.	73.6
3000		62.6		2		*			5		3		3		3	76.1
		63.9	•		75.5	7.	77.4	8.	8	8.		8.				78.7
N 2000		64.5			-	6	6	6	0	0	0	0	0			80.7
		64.5		.9			.6		0	0	0	0			0	80.7
> 1500		65.2		1:	8	0	•	-	-	-	-	-	1:		-	82.6
1413		65.8			6		-				3.				3	83.9
V 1000		67.1		.6	-	3.			5.	5.	2	3	5		5.	85.8
		67.1			1.	3.	3.	3.	5.	5.	5.	3.	3.		2	85.8
900 AI		67.1		6	-	3.	.,		3	3.	3.	2			5.	86.9
		67.1		.0	2.	4.	.5	0	. 9	.9		.9	6.		.0	87.1
8		67.1		.0	3.	3			-		1	-			1.	87.7
		67.1			*		:		6		6	6	6		•	
94		67.7			85.8	-			-	-	-	-			-	91.6
		67.7	•	82.6	•		1.		2.	2.	2.	2.				94.2
200		67.7	78.1	2.	•		:	2.	2.	2	2.	2.	92.3			
91		67.7	78.1	82.6	87.1		91.6		2		3.	93.6	93.6	93.6	3	98.7
o Al		67.7	78.1		87.1	6		2.	2.	3.	3	93.6	93.6		•	

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

0

0

CEILING VERSUS VISIBILITY JAN 68 5703

TOTAL NUMBER OF OBSERVATIONS

HOURS (18.T.)

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20	DNII						VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	(\$)						
	(EE)				E AI	> 2%	14 2	V 1%	¥1 ¥	- AI	% Al	*	% AI	≥ 5/16		N NI
2000-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	EILING				6	6				9	49.7		51.0		8	
25	20000									56.1	56.1			57.4	-	8.1
20000000000000000000000000000000000000	18000									56.1		9.	57.4	57.4	2	
25	16000					3.				. 9		•	57.4	57.4	3	
25 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4000					5.	. 8				6.	9	. •	57.4	56	
25 25 25 25 25 25 25 25 25 25 25 25 25 2	12000			55.5	56.1	56.1	56.1	56.8	56.8	56.8	\$6.8	•	58.1	58.1	58	
20000000000000000000000000000000000000	0000					8					6		0	60.7		
55 55 55 55 55 55 55 55 55 55 55 55 55	0006									59.4	w .			600.7	19	
55 55 55 55 55 55 55 55 55 55 55 55 55	8000					0		-	61.3		-	-	2.	2.	63	
59.4 42.9 59.4 45.9 59.4 66.0 59.4 72.9 59.4 72.9 59.4 72.9 59.4 72.9 59.4 72.9 59.4 72.9 59.4 72.9 59.4 72.9	2000							61.3		61.3	61.3			62.6	63	
50 50 50 50 50 50 50 50 50 50 50 50 50 5	9009			0		:	•	1			1.	• 1		3	63	
50.00 50	2000	-	56.1	2					1				3		65	-
50.00	4500		57.4		64.5	;	64.5	5	3	5	5				67	
50.8 51.0	4000		58.7					7				7.	8	8	69	
25.55 25	3500	50.3	59.4			7	7.	7.	7.		7.	1.	.6	6	69	
54. 64. 64. 64. 64. 64. 64. 64. 64. 64. 6	3000	54.2	63.6					2	2	2	2	2	3	3.	74	
57.4 58.4 58.4 58.4 59.4	2500	54.8	64.5				2.			3.	9			*	75	"
58.7.4 67.7 58.7.69.0 59.4.72.9 59.4.72.9 59.4.72.9	2000	57.4				.0	9	6		9	•	•		8	78	
58.4 59.4 59.4 59.4 59.4 59.4 59.4 59.4 59	1800	37.4			76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	78.1	78.1	78	
59.47 72.0	1500	58.7		3		6	6	0		d	0		-	-	18	. 9
59.4 72.9 59.4 72.9 59.4 72.9 59.4 72.9	1200	58.7				0		:	:	-	:	-	2	3	83	
59.55	1000	58.7				2.	2	3.					3		85	
59.4 72.9	900	59.4	72.9		84.5		5	85.8				2	-	87.1	87	
59.4 72.9	000	59.4	72.9		. 4	3	2	5	5	3.	3	-	1:		87	
59.4 72.9 59.4 72.9 59.4 72.9	200	59.4	72.9		;		85.2			85.8		:			87	
59.4 72.9	900	59.4	72.9		5.	3		26	9	86.5	9	•			88	
59.4 72.9	900	59.4	72.9		5.	5	3	0				9			88	
59.4 72.9	400	59.4	72.9		85.2	8		87.1		87.7	1	1.		89.0	89	
59.4 72.9 8	300	59.4	72.9	81.3		87.1	-		89.0	0.7500	89.7	89.7	91.0	91.0	2	
80.4 72.0	200	59.4	72.9	•	86.5			-	6	à	0		-		Service of	-
	8	59.4	72.9	81.3		87.7	87.7	89.7		91.0	•	91.6		93.6	93	-

NAVWEASERVCOM

BEAUFORT, SOUTH CAROLINA

CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-

CEILING			9				VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	S)						
(FEET)	5	٥ ٨١	8 41	4	e Al	2 2%	7 1	¥1 ¥1	71 71	-	N N	* 1	Z AI	≥ 5/16	N N	0 1
NO CEILING		34.8	41.3	44.5	45.2	45.8	7.	47.1	47.1		4.7	47.	47.	47.7	7.	4.84
1		2000	1364	4.	7	7.			•			830	24		3	20.0
0009		39.4	47.1	200	200	300	9 6	23.0	23.0	53.0	200	53.6	54.2	54.2	54.2	4
14000		39.4		:	31.	2		*				53.	54		*	54.8
> 12000			47.1		51.6	2.		3.		3	3	53.	54.	4.		54.8
2 10000		40.7	48.4	2.	6.56	3.			•			54.	55.	5.	3	56.1
0006			48.4	2.	2.		54.8					54.	55.	3.	5.	56.1
0008			51.6			-	8			8.	8	58.	.66	6	6	
			51.6			1.	58.7					58.	59.		6	60.0
0009 A		43.2	51.6	56.1	8.95		.8	58.7		. 8	58.	.86	99.	9.		
					8	8	.0		0	0	0	.09	61.	1:	-	61.9
> 4500				8	8.	9.	1	1.		1	-	9	61.		6119	62.6
			54.2		6	0	•	-		•		.19	62.	2.	2.	63.2
> 3500				58.7	6			61.9		61.9	61.	•19	62.		2.	63.2
		49.0	57.4	-			5	5	5	5.	3.	65.	65.		65.8	66.9
> 2500				64.	3	65.8	1.	7	7.	-	1.	67.	68.	8.		
				65.			6		6			.69	70.		0	120
180		51.6		.99	7.	7.		0		0	0.	10.	71.	1.	-	71.6
				71.	2.	2	5	3	2	3.		75.	76.		•	76.8
1200		54.8	65.8	72.	74.2					78.1		78.	78.	78.7	78.7	79.4
		3		75.		6		-	-	-	-	81.	82.	•	2.	83.9
8				75.	78.1		-	-		-	•	81.	82.	3		83.9
		55.5		75.		6		81.9		-	-	81.	82.		3	83.9
82		55.5		18.	78.1	6	81.9	-	-	81.9	-	81.	82.		82.6	83.9
009		-		76.	79.4	0		3.		3.	3	83.	84.		84.5	85.8
8				76.	4.64	81.3	3.			3.		.58	. 58	85.8	85.8	87.7
		-		76.	79.4	-		85.2	3.	3.	3	85.	87.1	87.1	87.1	89.0
38				-	4.64	-		85.2	•	•		86.	87.7	87.7	87.7	89.7
		•		-	79.4	61.3		85.2	85.2			1 87.1	88.4	88.4	89.7	91.6
8		55.5	66.5	76.1	79.4	81.3	84.5	85.2	85.2	87.1	88.	4.88	89.7	90.3	92.9	97.4
		55.5		76.	79.4	81.3	84.5	85.2	85.2	87.1	88	4 88.4	89.7	8006	92.9	0000

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

HOURS (CS.T.)

5703

CEILING VERSUS VISIBILITY JAN 68

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$:						
(FEET)	VI 5	41	8 41	VI	e Al	> 2%	2 41	71 71	¥1 VI	-	% AI	* 11	Z AI	2 5/16	VI X	AI .
NO CEILING		41.9		.0	47.	2	:	47.7				48.		48.	48.	•
1× 20000		45.2	48.4		51.				52.0	52.9		52.		2	520	*
18000		45.2	48.4	50.3	51.0	51.6	51.6	\$1.6	\$2.9	52.9	52.9	52.9	\$2.9	52.9	52.	9 52.
9996			48.	0	51.	1	3	4	3	2	5	52.		52.	52.	2
2 14000		45.2			51.	:	-	:	2	52.9	5	52.	•	52.	52.	n
≥ 12000		46.5	49.7		52.		52.9	52.9	54.2	54.2		54.		54.	54.	54.
		49.0	8		56.	. 9	. 9		8.	8.	8.	58.		58.	58.	5
0006 A		49.0	8	54.8	56.		54.8	100		58.1		58.		58.	38.	.88.
		53.6	57.4	.0	61.				3.	3.	3.	63.		63.	63.	9
N 2000			58.	60.7	61.		62.6	2	63.9	3		63.		63.	63.	63.
		53.6		.0	61.	2.		62.6		3.	3	63.	3.	63.		
2000			59.	61.9	63.		63.6		65.2			65.		65.2	65.	65.
			60.	62.	63.				3	65.8		9	5.	65.		
> 4000			60.	62.	63.	4.	64.5		5.		5.	65.		65.	65.	8 65.
> 3500		56.1		63.	65.				7.	7	7.	67.	7.	67.	67.	9
		56.8	61.		•				4.89	68.4	8	68.	. 8	68.	68.	
> 2500		\$7.4		65.	67.		.6		0	70.3		70.		70.	-	5
-		58.7		66.	69.	0	0		71.6	-	-	71.	-	71.	71.	6 71.
N 1800			1	6.99	•	70.3	70.3	70.3	71.6		71.6	71.6		71.6	71.	11.
		61.9	-99	70.	73.	4	3		8	78.1		78.		78.	78.	
1200			67.	71.	74.				78.7	78.7		78.		78.	78.	7 78.
- 1		63.2	67.	72.	76.	8	6		-	-		81.		81.	81.	•
8 Al		65.2	69	74.	78.1					83.9	-	83.		83.	83.	83.
		65.2	69.	75.	79.	-	2.	•		5.		85.		85.	8	85.
78		65.8			80.7				5	•	•	86.	;	86.	86.	.98
		65.8	71.0	76.				5				87.		87.		87.
900		65.8	71.	- 44	81.	5	7.	8.	89.7		1.	91.		•	91.	
		65.8	71.	7	81.		88.4	6	-	92.3	2.	92.		93.	93.	6 93.
380		65.8	71.	1	81.9		9.		91.6			94.		95.	96.	96.
		65.8	71.	11	81.9	87.1		0	-	2.		95.	97.4			98.
VI 8		65.8	=	-	81.9		•	90.3	91.6	92.9	;	95.5	97.4	97.4	98.	.66
		65.8	-	77.4	81.9	87.1		3	-	2	8.76	95.	97.4		98.	100

NAVWEASERVCOM

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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5703

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(53						
(FEET)	2	o Al	80 41	AI AI	S AI	Y 2%	2 4	¥1 Y	71 71	- AI	% AI	*	Z AI	≥ 5/16	N N	٨١
NO CEILING		6	50.3		6		0	0	0	0	0	50.3		0		
≥ 20000		54.8	56.1	56.1	56.1	56.1	3		56.1	56.1	9	56.1		56.1	56.1	56.1
≥ 18000		*			9					.9	6.	.9		.0		
		54.8			9					. 9		9	. 9	. 9	56.1	
					.9	. 9			. 9	. 9	6.	9	6.	.9		
N 12000			\$6.8		•	9	•								56.8	56.8
					8	8	8	8	8	8.	8.	8	8.	8		
0006 21		58.1			.6	6		6	6	6	6			6		
				. 5	5.		5.				5.	2.		65.8	•	
> 2000		63.9			•	.9	9					. 9		. 9		66.5
					. 9	.0			.0	.9	6.	9		6.		
0000		64.5			-	-			8							
			65.8		67.7	67.7	4.89	8	8	4.89	4.89				1	
7 4000					8	8	.6	6	•	6	9.	6		6	69.	69.0
				.6	. 6	6	.6	6	.6	. 6	6	.6	6	.6	.69	
3000				3	72.3	2	2.	2	2.	2.	2.	2	2.	2.	72.	
2 2500				2	3.	10	*	*	*	. 4				*	74.	
> 2000					5.	5	.0								76.	
N 1800					-		.0	. 9		76.8	.0				76.	76.8
				-		8		6	6		6	6	6	6	79.	
					6	6	0	0	0	0	0	0	0	0	80.	
≥ 1000				6	0	:	2.	3			3.	3.	3.	3	83.	
98 AI					82.6			5	5	85.2	3	3			85.	85.2
				0		*	3		3		3	3		3	85.	
				-		-			6	. 6	9.	6		.6	89.	89.0
009					.9		à	:	-	-	:	-		-	91.	
						2.	2.			-	3.	3				93.6
> 400				3.							•			97.4	97.4	
300		75.5	78.7	85.2	0.68	6.26	95.5	8.96	96.8		97.4	41.4	1.86	98.1	98.1	96.1
			78.7		6	*	3					00		98.7		40.6
8			78.7			92.9	3		96.8	96.8		98.7	4.66	4.66	100.0	100.0
1		73.5	78.7			2.	3	0	96.8	96.8	98.7	98.7	4.00	99.4	100.0	100.0

CEILING VERSUS VISIBILITY JAN 68

NAVWEASERVCOM

155

CEILING VERSUS VISIBILITY JAN 68

155

TOTAL NUMBER OF OBSERVATIONS

HOURS ( PS.T.)

**CEILING VERSUS VISIBILITY** 

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING								VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES						
(FEET)	2	۸I	AI		7	N AI	2 2%	7	¥1 Y	¥1 YI	Ā	% Al	* AI	% Al	2 5/16	AI N	0 11
NO CEILING		45.2		8		45.8	1	45.			45.8	3		-	45.	-	45.8
IN 20000		84.8		5	8.5	85.5	5	58	55.5	55.8	55.5	55.5			55.		55.5
18000		55.5	56	1.	6.1	56.1	56.1	56.		56.1	56.1	56.1	56.1	56.1	36.		56.1
16000		55.		1 5	6.1	100000	9	2			56.1	3		6	56.	9	56.1
N 14000				11.5	6.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1			56.	1 56.1	56.1
≥ 12000		56.8	-	4 3	7.4		1	5	-				-		57.	4 57.4	
10000		60.7	61.	3	1.3	61.3	61.3	61.	61.	61.3	61.3	61.3	-	61.3	61.	3 61.3	61.3
000 AI			_	6	1.9	-	-	61.	10	-	-	-	-	-		9	61.9
0008		63.9		.5	4.5		64.5	64.	•	64.5	+	64.5			64.	64.	64.9
- 1				5	4.5	64.5		64.	64.		•		;	3	200	64.	64.5
0009		63.9	_			64.5	64.5	64.	. 40	;			:		64.	*0	64.3
		64.5	-	8	5.8	5	5	65.	65.	5.	3.	5.	3	2.	65.	65.	65.8
> 4500		64.5	2	9 8	5.8			65.8		5.		65.8	3.	65.8	1000	8	65.8
		67.1		4	8.4	8	8.	68.	68.		8	8			68.	99	68.4
> 3500		68.4	70.	.3 7		•		70.	70.	0	70.3	0	0	70.3	70.	3 70.3	70.3
		71.6		1 9.	3.6	74.2	4	74.2						74.2	74.		74.2
> 2500		74.8	78.	111	8.7	79.4	79.4	79.		79.4		6		79.4	79.	4 79.4	79.4
		76.8		8 0		83.2	3.	0		3.		83.2		83.2	83.	2 83.2	83.2
1800		76.8		8	1.9	83.2	83.2	83.		83.2	*	3.		83.2	83.	2 83.2	83.2
- 1		76.6		9 0	1.9	83.2	3	æ		*			:	84.5	84.	9 84.5	84.3
1200				7	3.0	3	85.8	œ	87.1	87.1	:	-	-	87.1	87.		87.1
-		78.1	- 1	.3 8	•	86.5	-	88.		6			6	89.7		3	69.7
8		78.7		6		-		89.			•	0		90.3	90.		90.3
		- ~		8 6	•		-	89.		0			-	91.0		0	91.0
N 78		79.4	82.	9	7.7	6	-	92.		3	*			94.2	94.		24.5
		79.4	82	8			-	.76				3	3	95.5	95.	9 95.5	95.3
95 AI		79.4		9	8.4		92.3		95.5	95.5	1000			96.8	96.		96.8
		79.4		9	8.4	-	92.9	3	0	.0	98.1			98.7	98.		98.7
8		79.4	82.	0	4.8	91.0	6.26	95.5	96.1	96.8	98.1	98.7	200.7	98.7	86		98.7
		79.4	82,	9		-		3	0	•	-			40.66	66	4100.0	100.0
8		79.4	82	9	4.6	91.0	92.9	95.5	96.1	96.8	98.1	98.7	200		66	410000	100.0
		79.4	82,	\$		-				96.8	98.1		1.86	99.4	99.	4100.0	100.0

NAVWEASERVCOM

BEAUFORT, SOUTH CAROLINA

1234-18766

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HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

72.9 72.9 65.8 65.8 81.3 81.3 81.3 81.3 81.3 81. A 87.7 83.2 91.6 75.5 77.4 74.2 1 ٨I 91.6 91.6 91.6 2 5/16 83.0 2 Al \* ٨I . 91.0 AI 61.3 61.3 61.3 6 61.9 61.9 61.9 6 65.2 65.2 65.2 6 65.8 65.8 65.8 6 72.3 72.3 72.3 7 76.8 76.8 83.2 83.2 91.6 73.6 2.46 19.4 81.3 87.7 87.7 87.7 74.2 75.5 85.8 94.8 1.96 96.1 ٨I VISIBILITY (STATUTE MILES) 73.6 70.4 77.4 77.4 79.4 79.4 81.3 81.3 94.8 85.8 91.6 91.6 83.2 85.8 75.5 73.6 ٨I 91.6 65.2 77.4 91.6 73.6 75.5 83.2 91.0 91.0 92.3 Ä 61.9 61.9 65.2 65.2 65.8 65.8 92.3 92.3 90.3 90.3 1 2% 77.4 90.3 73.6 ٨١ 59.4 60.0 71.0 76.1 76.8 72.3 78.1 78.7 74.2 80.0 80.7 74.8 80.7 81.3 75.5 82.6 84.5 83.9 86.5 72.9 86.5 92.3 73.6 76.8 74.8 63.9 64.5 64.5 65.2 85.8 90.3 ٨I 74.2 76.1 71.0 71.6 72.9 85.2 72.3 AI 67.7 70.3 77.17 \*\*\*\* 68.4 69.7 57.4 56.1 61.3 51.6 Al 2 AI NO CEILING (FEET) 18000 12000 000 000 000 2000 4500 3200 2000 1800 88 80 800 7000 1200 88 88 88 AI AI AI AI ALAI ALAI AI AI ALAI AI AI ALAI ALA AI A AI AI ALAI ALAI

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

0

0

0

3

BEAUFORT, SOUTH CAROLINA

HOURS C. T.

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CBUNG							VISI	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(9861)	2	N AI	\$ 1	AI AI	e Al	N 2%	7	YI %	YI XI	Ā	N N	* AI	Z AI	≥ 5/16	AI X	0 41
NO CEILING			58.1		0.09			9	9	000	60.7		0.	9	0	60.7
1 4 1 4000			6.1.		·	in		3		66	in.			63		63.9
		24.5	60.0	62.6			63.6	63.9	69.9	000	63.6	25.4	63.6	63.9	000	63.6
0000 AI AI							-	60	68	67	- 0	- 0	- 8	69	1	67:7
000 1 Al Al			70.3		20	20	24	72.	72.	72.	24	200	72.9			72.9
9000 AI AI						6 4		22	22	22				3	2.2	
4 4 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				73.6		36		7.0	2.5	2.2		4.0		::	2.5	7.5
3000					-0	10		0 0	8 0	9 0					808	5.0
17 17 2000			78.1		OM	0 6	-	81.	81.	9 8			-6		9	81.8
Y 1800 0081 Y				mm		m 0		84.	84.	24.	3	::	*		84.	84.3
Y Y 1 1000		71.0	83.2		89.0	89.0	-6	90.	90.	90.	87.1		90.3	-0	100	90.3
8 8					60	66		90.	90.	90.		00		00	90	90.3
98					9.	66	90.3	91.	91.	00				-:	91.	91.0
VIVI 480						- 2	23	92.	94.	92.	24		2.	24	00	92.9
8 8 1 A I A		72.3			26	20	3 6	95.	98.	-		96.8		95.5	95.9	95.9
80									00			96.96	96.8	96.8		

TOTAL NUMBER OF OBSERVATIONS

155

BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	9 11	89 Al	A)	es Al	2 2%	~ Al	71 71	VI 71	-	% Al	*	Z AI	≥ 5/16	N AI	٥
NO CEILING		44.8			\$1.0	51.3		51.7	-			51.		52.0	52.	52.3
> 20000		49.6		-	9	9	7	57.3				57.		57.7	57.	
N 18000		49.7		•	•	-	-	57.4	-	•		57.		57.8	57.	
2 16000		49.7	54.3	. 9	•	1.	1		1		•	57.		1.	57.	
> 14000		49.8		.0	56.8	57.1	57.3	57.5	57.7	57.7	7.	57.		7.	.88	58.2
≥ 12000		\$0.4			-	-				•		58.		58.6	58.	
		52.9	57.6		.0		.0		-	-	1.	61.		1.	61.	
> 0000		53.3		0	0	-	61.2		-	-	:	61.	-	-	.19	
> 8000		6.95	0	4.49	64.9	65.2	65.5	65.7	65.8	65.8	65.8	65.8	66.1	66.1	66.1	4.99
> 7000		57.1	62.		3	5	5.			•		99	•		99	
0009 2		57.3	62.		5.							•99		.0	99	
2 2000		58.5	64.		.0	7.			8			68.			68.	
		59.0	64.	. 9	7.		8.		8.	8	8	68.		8.	68.	
4000		59.8	65.			9.	6	6		6	6	69.	0		70.	
		60.3	66.		6				0		0	70.	0	0	71.	
3000		62.7	69	-	5	2.					3.	73.		3.	73.	
> 2500		1.49	70.		. 4		5		5.	75.8		75.		.9	16.	
≥ 2000		65.3	72.	80			-		8			78.			78.	
2 1800		65.3	72.		.0	7	1.		8			78.			78.	
Division I		6.99	74.		6	0	•		-	-	-	81.		-	81.	
N 1200		67.6	74.				82.3			83.0	83.0	m 00		3	83.	
- 1		68.3	75.	-			3	3	2	3	3	85.		9	86.	
8 Al		68.7	76.	81.8		84.9				86.7	;	96.		-	87.	
		68.7	76.	-		5	.9		-	-	-	87.		-	87.	
		0.69	77.		5		7.	8	8			88	8	8.	88	
009		69.0	77.	83.4	5	-	8		6	_	6	89.		6	89.	
		0.69	77.		86.7	•	6	0	0	124	1:	•16	1.	1.	•16	
× 400		69.1	77.	4.	-	.6	:			92.7		93.		3.	93.	
300		69.1		84.2	87.6	89.6	-	92.7	3	100	;	94.	;	;	94.	
1 200		69.1	77.4		87.7	89.8	-	95.8			;	94.	3	3	96.	
81 71		69.1	77.4	84.3	87.9	6.68	1.		93.2	94.0	3	95.		96.2	97.	99.2
o Al		69.1	77.4		87.9	6.68	:	93.0	100	4	2	95.		. 9	97.	

TOTAL NUMBER OF OBSERVATIONS

1240

222

0 Al

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2 5/16

81.6

81.6

87.9

8.06 92.2

90.1 91.5

90.1

92.2

92.2

8.06

88.7

92.9

91.5 1.06

90.1

92.9 92.9 92.9 92.9

6.26

6.26

91.5

4.68 89.4 95.7

93.6 95.7

CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

Al VISIBILITY (STATUTE MILES) ۸I

٨I

N Al

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2 A

(FEET)

NO CEILING

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AI	22		2.2		8 8	6
-	70.2	;;	74.9	9 6	80.9	6
×1 ×	70.2		74.5	76.6	80.9	1,000
¥1 ¥	70.2	74.5			80.9	
7	70.2	74.5	74.5	76.0	80.9	
> 2%	73.8				80.1	

62.3 70.9

73.1

4.01

8000

ALAI

5000

ALAI

70.9

70.9

VI VI 0008 0008 0008

Y 1400

VI VI 000 000 000

83.0 83.0

87.2 89.4 85.1

86.5 86.5 80.1 80.1 80.1 82.3 82.3 88.7 88. 88.7 78.0 78.0 78.0 82.3 80.1 84.4

78.0 85.1 86.5 73.1 79.4 83.0 70.07 75.9

78.7 4500 3000 1500 1200

2500 88 ALAI ALAI ALAI

88

79.4 9 9

10.4 79.4 79.4 19.6 200

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

80

BEAUFORT, SOUTH CAROLINA

HOURS (LS.T.)

-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	[S)							
(FEET)	5	9 11	\$ 1	VI 4	e Al	≥ 2%	7	۲۱ ۲۳	Y1 7/2	- -	% Al	* 11	X Al	≥ 5/16	AI .	٨١	
NO CEILING		56.0	63.1	68.8	70.2	70.2			70.9	70.9	70.9	70.9		70.	1	9 70	6.
2 20000				•			3	3	2	4	3	5	2	75.	-	-	.2
N 18000		59.6			*	*	2		3	75.2	3.			75.	-		.2
		59.6		•	4.		5	3	5		5	5	2	75.	1		. 2
		6		2.		. 4		3	5		5	5	3	75.	1	•	.2
≥ 12000				2.	4.				3		2		3	75.	-	-	.2
		2.		5.	8.	8				•	8	8	8	78.	1	-	1
0006 AI				. 9	8				6		6		6	79.	-	-	3
		65.3		.0	2.	2	3.					83.		83.	8		0
> 7000		0.99		0		3.			9			83.	-	83.	8	0	
		66.0		.0	3.	3	3	3.			3.	83.	3.	83.	8	•	
> 2000		67.4		2			'n	5				85.	3	85.	00		7
		67.4	76.0	82.3	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.	85.1	85.	1 85.	1 85	7
1 4000		67.4		3			-	3	2		3	85.	3	85.	8	•	
		67.4			3	8		5		3	2	85.	5	85.	8		8
3000		67.4		3	5	5			3			85.	5	85.	80	00	8
> 2500		67.4		83.7	•	. 9	-	-	-		-	87.	7	87.	80	00	2
> 2000		68.8				8	6		6	6	6	89.		89.	80	8	*
> 1800		69.8		.9	9.	.6	0	0	0	ò	0	.06	0	•06	0	0	7
		70.9		1.	0	0	:	-		:	-	91.	:	91.	0	0	
> 1200		70.9		8		-	2.	2	2.	2.	2.	92.	2.	92.	0	6	2
		70.9	83.0		-	-	2.	2.	2.	2.	2.	92.	2.	92.	0	0	
% ^I		71.6	83.7	89.4		2	•	2.	2.		2.	92.	2.	.26	0	•	.6
		71.6	83.7	6	2.	2.	2	3	2.	3	2.	92.	3	92.	0	0	
700		71.6	84.4			•	*		*			94.		94.	0	0	
009 X		71.6	84.4	.0	3	9	3	5	3.	3.	3	95.	3	95.	0	0	-
> 300		71.6	84.4	.0		*	5	5	5		5	95.	5.	95.	0	0	
٨ 400		71.6	84.4	0	4			5.	3	3.	3	95.	3.	95.	0	0	
38		71.6	84.4	90.1		64.3	5		3.		3.	95.		95.	0	96 5	
		71.6	84.4	0	;				3		3	0		96.	0	2 97	
8		71.6	84.4	90.1	64.3		45.7	5.		95.7	3	95.7		97.	0	66 6	103
		71.6	84.4	1006		4.		5	95.7		•	0		97.	0	6100	9

0

0

TOTAL NUMBER OF OBSERVATIONS

141

NAVWEASERVCOM

0

0

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93831

HOURS (L'S.T.)

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## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

TOTAL NUMBER OF OBSERVATIONS

141

NAVWEASERVCOM

0

-

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

NO CEILING

V 2000

CEILING (FEET)

VI VI 0008 0008 0008

1200

2000

AI AI

9000

ALAI

Al 91.5 ٨١ 87.2 90.8 2 5/16 87.5 8.0 ۸۱ 85.1 85.1 AI 76.6 77.3 87.2 90.8 73.1 ٨١ 85.1 85.1 87.2 87.2 87.9 87.9 63.1 63.8 69.5 74.5 77.3 90.0 73.1 82.3 90.8 95.0 73.1 83.7 83.7 85.1 ٨١ VISIBILITY (STATUTE MILES) 73.1 76.6 77.3 8.06 85.1 74.5 82.3 71 85.1 85.1 76.6 8.06 74.5 63.1 63.8 69.5 69.5 73.1 82.3 73.1 83.7 17 8.06 90.8 6.26 77.3 83.7 85.1 7 86.5 87.2 85.1 74.5 83.7 77.3 2 2% 75.9 73.8 81.6 76.6 84.4 4.29 72.3 83.0 84.4 4.68 68.89 68.8 86.5 4.68 90.1 ۳ ۸۱ 71.6 80.9 81.6 82.3 83.7 84.4 85.8 87.2 Al 71.6 81.6 81.6 85.0 61.7 71.6 • 79.4 .. 73.1 85.8 85.8 61.7 VI Al 71.6 16.6 16.6 65.3 72.3 74.5 16.6 16.6 70.9 16.6 63.1 65.3 0.99 66.7 74.5 15.9 63.1 Al 2 AI

4500

3500

AIAI

2500

ALAI

1500

ALAI

1200

AI AI

88

AIAI

88

AI AI

88

AIAI

80

ALAI

88

AIAI

TOTAL NUMBER OF OBSERVATIONS

1

Al

2 5/16

AI

A

7

٨I

17

71 7

AI

7 2%

e Al

Al

۷٦ ۸۱

AI

2

(FEET)

NO CEILING

VI VI 00091 0000

Y 1400 12000

VISIBILITY (STATUTE MILES)

PERCENTAGE FREQUENCY OF OCCURRENCE

BEAUFORT, SOUTH CAROLINA

(FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

8006

19.4

79.4

78.7

79.4

4000

MINI

3000

11 11

77.3

2000

2000

ALAI

82.3 86.5

82.3

86.5

82.3

89.4 89.4 82.3 86.5

89.4

87.9

85.1

2500

AI AI

1500

AI AI

85.8

89.4

8.06 90.8 90.8 94.3 94.3 90.1

89.4

90.4

88.7

90.1 90.1 90.8

4.68

86.5

1200

88

ALAI

88

88

8.06

8.06

TOTAL NUMBER OF OBSERVATIONS

**NAVWEASERVCOM** 

80

88

AIAI

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

VISIBILITY (STATUTE MILES)

1

1 2%

M Al

**4** 

49 Al

۰ ۸۱

2

(FEET)

NO CEILING ≥ 20000

VI VI 0008T 0008T 0008T 0008T

Y 1400

2 5/16 AI 74.5 80.1

\* \* 

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٨١

A

19.4 17 7 12

80.1

70.2

68.8

81.6 81.6 80.9 40.0

83.0 83.0 79.4 81.6 83.0 74.5 80.9 80.1

79.4

16.6

2000

ALAI

2000

ALAI

4500

ALAI

0

77.3

72.3

000 000 000

AI AI

80.1

88 87.9 81.6 19.4 80.1

83.0

83.0

89.4 89.4 83.0 83.0 81.6 81.6

4.68

89.4 89.4 89.4

91.5

93.6

93.6 91.5

92.2

91.5

90.1 90.1

91.5

92.9

87.9

89.4 83.0 84.4 80.0 80.9

19.4

78.7 84.4 80.1 80.1 85.1

3500

AI AI

85.1

85.8 86.5

AI AI

0

2500 1500

88 1200 ALAI

88 MIAIA

6.96

90.1

93.6

88 ALAI ALAI AI AI

86.9 86.9 87.2 86.5 86.5 87.2 88 ALAL

NAVWEASERVCOM

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TOTAL NUMBER OF OBSERVATIONS

6

80

ALAI

-

CEILING VERSUS VISIBILITY JAN 68 5703

CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH, CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)							
(FEET)	2	9 11	N AI	4	e Al	> 2%	7 1	¥1 ¥1	¥1 Y	Ā	% Al	* 1	X AI	> 5/16	N N	AI	
NO CEILING							3				64.	:		64.	04.	0	
≥ 20000		68.				0				9	70.	d		70.	70.		-
× 18000			68.8		6						10.		70.9	70.	70.	1	74
V 16000				6		0	d			6	70.	0		70.	70.	-	-
> 14000				0			2			2.	72.	2.		72.	72.	-	_
7 12000		10.01	70.9	71.6		73.1			73.8	73.8	73.		73.8	73.	-	21	_
10000					5.		-				77.	-	77.3	77.	7.	-	
0006		74.5		75.9		1	8				78.		78.0	78.	78.	-	
1		78.0	78.7			-	5			2	82.	3	82.3	82.	82.		
7000		79.4		81.6	2.	3.	3		83.7	83.7	83.	3	83.7	83.	83.		
1		1000		:	82.3	83.0	83.7	83.7	83.7	1000	83.7	83.7	83.7	83.	7 83.	7 83.	-
2000			81.6	83.0	3.				85.1		85.	3	85.1	85.	3	0	
1			81.6		3	. 4	3	85.1	85.1		85.	Š	85.1	85.		0	
4000			81.6	83.0		84.4	3	85.1		3	85.	3	85.1	85.	3		
3300		80.9	81.6				85				85.		85.1	83.	82.		_
3000			82.3		5	5	86.			.0	86.		86.5	86.	86.		_
		82.3	83.7			-	87.	87.9	87.9		87.	-	87.9	87.	-	•	4
7000		83.0	84.4		:	8	89.			6	89.	6	6	89.	89.		-
1					7.	8.	89.	89.4		89.	89.			89.	89.		
150					6	0	90.		90.8	90.	90.	0	0	90.	90.	0	
1		83.7		87.9		.0	91.		91.	91.	91.	:	91.5	91.			-
90				7	0	.0	91.	:	700	-	91.	-	-	91.	91.	•	-
		83.7	85.8	•	0	1.	92.		92.	92.	92.			92.	92.	2 92.	
8			86.5		-	2.	92.	2.		92.	92.	2:		92.	92.	•	_
1		84.4	87.2		2.		.76		94.	94.	94.			94.	*	94.	11
8		84.4	87.2			*	95.		-	95.0	95.	95.0		95.	3	•	-
		84.4	87.2				95.	95.0	95.	95.0	95.	95.0	45.4	95.		. 50	-
8		84.4	87.2			5	95.			95.7	95.	93.7	96.5	96.	•	•	_
		84.4	87.2	90.8	95.0	95.7	.96	96.5		96.9	96.9	8:3		98.	4 9	-	-
70		84.4	87.2			3	97.			97.9	97.9			100.	9100	100	
91		84.4	87.2			95.7	97.2	97.9	97.9	97.9	97.9	97.9	106.0	100	0010	1000	-
٥		84.4	87.2	90.8	95.0	95.7	7	97.0	97.9	97.9	97.9	97.4	100.0	100.	0	10	-

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VISI	VISIBILITY (STATUTE MILES	ATUTE MILE	(\$)						
(FEET)	VI 5	41	SO AI	4	e Al	Y 2%	7	VI 2/2	۷۱ ۲۲	- AI	% Al	* 1	Z AI	≥ 5/16	X Al	0 11
O CEILING				0	0	0	0	0		ò	0		70.9	70.	70.9	-
≥ 20000		69.5			73.8	3	-	3	73.8		-	3		74.	74.5	
≥ 18000					73.8					73.8		-		74.	74.5	74.9
≥ 16000			73.1		73.8	3.			•	3				74.	74.5	-
≥ 14000		69.8		73.8	73.8	73.8		•	73.8	73.8				74.	74.5	74.5
≥ 12000					74.5		•							75.	75.2	75.2
							. 9			6.	.9	9		77.	17.3	1
0006 -		73.1	76.6	77.3	77.3	77.3	1	77.3	77.3		77.3	77.3	78.0	78.0	78.0	78.0
		78.7			85.1	3.	*			3	3.	5		65.	85.1	15.6
7000				85.8	85.8	5			85.8		3.	3.		8	86.5	86.5
					5	3	85.8			5.	5.	85.8		86.		86.5
2000		19.4		. 9	86.5	86.5				86.5				87.		87.2
		79.4		86.5	:	9			86.5			.9		87.	87.	8
000		79.4			86.5						•	.9		87.	87.	-
					-	-	7.			87.2	7.	1.		87.		
3000		81.6			89.4	89.4	6							.06	90.	0
			87.2	88.7	89.4		1.06		1.06		.0	1.06		900	*06	90.8
≥ 2000		:			0	ò	ċ		•	0	0	0		90.	131	•
		1.			89.4		0			ò	0			90.	90.	800
> 1500		-		90.1	0						-	-		92.	92.	•
		2.	89.4	1.	2.	92.9	2.				3	3		93.	93.	•
≥ 1000		2.	89.4		2.	2.	2			2	2	2.		93.	93.	0
8			89.4		92.2	2					3	3		93.	93.	93.6
		3	89.4	-	2.	2	2			2	3	2		93.	93.	0
		2.	89.4		2.	2.				-				94.	4.	84.3
9			89.4	5	-		3.			3.		3		95.	96.	•
> 500		82.3	89.4	2.	*	95.0	95.7				3			96	97.	97.2
V 400		2.	89.4		3	3					•	•		97.	97.	•
300		82.3	89.4	93.6	95.0	95.7		96.3		97.2	-	-		97.	6	98.6
		82.3	89.4			95.7	96.5				-	:		.86	99.	•
8		82.3	89.4	93.6		95.7				97.0	-	97.9		99.3	0	100.0
		82.3	89.4	93.6	95.0	95.7	96.5	96.5	96.5	97.9	97.9	97.9	98.6	ŏ	100.0	100.0

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0

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0

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							VISIA	VISIBILITY (STATUTE MILES)	LTUTE MILE	(S						
(FEET)	2	o Al	N AI	VI VI	E AI	1 2%	7 1	71 %	YI XI	Ā	% Al	* AI	× AI	2 5/16	NI ×	o vi
NO CEILING	•	57.3	4.09	45.4	63.3	63.6	0.40	104.1	104.1	40.2	4.4	40.0	70.5	204.0	4.8	65.1
≥ 18000		65.9			-	6	0			ò	70.5				-	71.3
	7	65.9		8	-	6	3	4	•	d	70.5				-	71.3
V 1 4000		63.1	4.99	4:	90.00		0				10.				÷.	2:
		600				3 6	3			9	74.7				3	75.4
000	•	66	70.4	72.3	73.9				74.7	74.7	74.9		14		5	75.7
0008 4	1.	70		77.0	78.3		6				79.4					80.2
7000	-				-	•		6		6	80.1			-	0	80.9
0009	.1			77.7	79.0		79.7	19.8	79.8	80.0	80.1				•	80.9
	7	;		78.	-	6	3	6		0	80.8				-	81.6
2 4500	-	7.		78.	80.1		0	0		-	81.2	-			7	82.0
	-	_		80.	-	-	2	2		2	82.5	2.		•		83.3
> 3500	1.			80.		-	2	2		3	82.7	2:				83.3
1	•	74.		82.	-					3.	85.3	3.			3	86.1
> 2500	7.			83.	85.6						87.0	-			-	87.8
- 1	•	76.		84.		-	7	1		8	88.3				8	89.1
V 1800	. 1	76.5		85.		-	. 8	8	88.2		88.6					89.4
				86.		6		6		à	90.3	0			0	91.1
> 1200	.1	77.6						0		8.06	91.0				7	91.8
- 1	-			87.		0	-	1		2	92.2	2.			2	93.1
00 Al	-	78.2		87.		-	-	2		2:	92.5	:				93.4
	7			88.	-	4	2	2		2	95.8	2			3	
N 70		78.4	•	88	91.2	-	2		4.66	-	93.8	3			;	4.1
	-	78.4		88.		2		3			8.46	:			3	
005 AI			83.	.68			*			*	95.8	3				
	-	78.6	85.		92.8	3	5		5	9	96.6	•			-	
300	-	78.6		89.5	93.0		3.	36.2		6.96	97.3	-			98.3	98.6
	-		85.	6	-	3	3	9	•		97.6	1.			8	_
VI .	•	78.6		89.5	93.0		3	4.96	96.5	97.3	97.0	97.0		98.6	2.66	99.1
		78.6		6	3.	3		0	0	2	97.1	97.7	98.6	-	99°4	0000

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TOTAL NUMBER OF OBSERVATIONS

JAN 68

CEILING VERSUS VISIBILITY

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HOURS (LS.T.) MAR

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

TOTAL NUMBER OF OBSERVATIONS

155

HOURS (LS.T.)

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### CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

0 0 0

0

0

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	(5)						
(FEET)	5	9 11	N AI	4	e Al	× 2%	2 4	۱۲ ×	71 71	-	% Al	*	Z Al	≥ 5/16	× Al	0 11
O CEILING		45.8			84.8	54.8	56.1	56.1	56.	56.8	56.8	56.8	57.4	57.	57.4	57.4
20000		52.3		910	63.2	63	1	1	90	3	3	3	0	90	å	
		52.3		61.		63		;	. 70	5	3		;	66.	;	66.5
≥ 16000		59.3	58.7	61.		63			64.	3	3			66.		66.5
		52.3		61.		63.			. 40	5		*	;	66.	;	66.5
12000		22.2		9		63	64.5		64.	65.8	3			66.		66.5
		8.5.8				63			64.				9	.99	-	66.5
38		200	200			63	44		64	65.8				66.	66.5	66.5
				6.7		10		-	7		72.	2.		73.		73.6
1 1				2	9	70.			7	2	72.	2	-	73.		73.6
1			54.5	68	70	71.0	72.3	72.3	72.3	73.6	73.			74.2	74.2	74.2
900		56-1		69	7	71.	10	2	72.	;	74.			74.		74.8
		57.4		-	72.	73.			74.	. 9	76.	.9		76.		76.8
90		57.6		71.	72.	73			74.	. 9	76.	9	9	76.		76.8
		57.4		71.	73.	74.	3.	5	73.	. 9	76.		-	77.	77.4	77.4
88		58.1	68.4	72.	74.	75	-	1	77.	8	78.	8	6	79.	-	79.4
1		58.1		74.	76.	76.	8		78.	0	80.	0	0	80.		80.1
7 2000		58.1		74.	76.	76.	6		79.		80.	0	-	91.		81.3
		58.1	69.7	74.	76.	77.	0	0	80.	:	81.	1.		81.	81.9	81.9
1500		59.4		78.	80.	80.	3.	2	83		84.	;	3	85.		85.2
		59.4		78.	80	80.	6	-	83.	;	84.	:		85.		85.2
0001		59.4		78.	81.	81.	. 4		84.	3.	85.			86.		86.3
		60.0		79.	81	3	3		85			86.3		87.	87.1	87.1
8		60.09		79.		82.	3	5	85	9			1.2	17.1	87.1	17.
			72.	80.	2	0	3.	5	85.			87.1	87.7	87.7	87.7	
8		60.7	72.	80.		83.	7	7.	87.			4.00	89.0	89.0	89.0	89.0
			75.	83.	•	80	.0	0	90.	2		92.3	92.4	92.9	92.4	92.4
9		61.9	76.	8	87.7	88.	2	2	92.	•		2.46	95.5	99.9	95.3	95.3
			76.	84.		88.	2	•	26			95.9	90.8	96.8		:
> 200		61.9	76.	84.	87.7	89.	3.		93.	9	1.96	1.96	91.4	97.4	97.4	*
201		61.9		84.5	•	89.0	93.6	93.6	•	96.1	96.1	7.96	97.4	98.1		
٥			-		87.7	6	3.	3.	6	3	96.1	106		98.1	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS

67.7

**JAN 68** 

CEILING VERSUS VISIBILITY

07 HOURS (1.5.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE

BEAUFORT, SOUTH CAROLINA

(FROM HOURLY OBSERVATIONS)

\*\*\*\*

٨١

AI

≥ 5/16

Al

Al

% AI

Al

٨١

AI

N Al

2% AI

۸I

AI

AI

AI

2

CEILING (FEET)

NO CEILING

16000

AI AI

VISIBILITY (STATUTE MILES)

5703

56.8

51.6 52.3 52.9 53.6 56.1 56.8

51.6 51.6

51.6

50.3

6.0 6.0

51.6

50.3

0.65

65.8

65.2

65.2 65.8 65.2 65.8 65.8 66.5

65.8

64.5 65.8

63.5

62.6

0.09

57.4

61.9

59.4

56.8

56.1

5000

ALAI

47.1.

63.2

61.9

59.4

61.9

59.4

54.8

51.0

0.64

40.7

000 000 000

AI AI

2000

ALAI

38.1 40.7

14000

AI AI

•

69.69

73.6 76.8

70.3

70.3

69.0

0.69

4.69

69.7

7

65.8 4.89

65.2

63.9 65.8

67.7 70.3 73.6 74.8 75.5

67.1

61.3

40.7

0009

60.7

40.64

3500

MIM

2500

ALAI

58.1

47.7

4500

AI AI

67.1

69.7

76.1

80.0

77.4

76.1

76.1

73.6

70.3

74.2

70.3

51.0 65.2 51.6 65.8 65.8 65.8 66.5 66.5

72.3

69.7

66.5

63.9 61.3

63.2

78.7

78.1 78.1

76.8

75.5

71.0

74.2 75.5 80.0

80.0

78.7

78.7

76.8 78.1 78.1

72.9

52.9 68.4

80.0 80.0

80.7

80.7

83.6

82.6

81.9

80.0

76.1 76.1

71.0

53.6 53.6

88

14 14

52.9

88

ALAI

81.3

80.0

19.4

74.2 75.5

69.7

52.9 52.9

88

AIAI

80.7

84.5

85.2

85.2

83.2

84.5

82.6

72.3

54.8 54.8 94.8

88

11 14

81.9

155

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

54.8

80

MIAIA

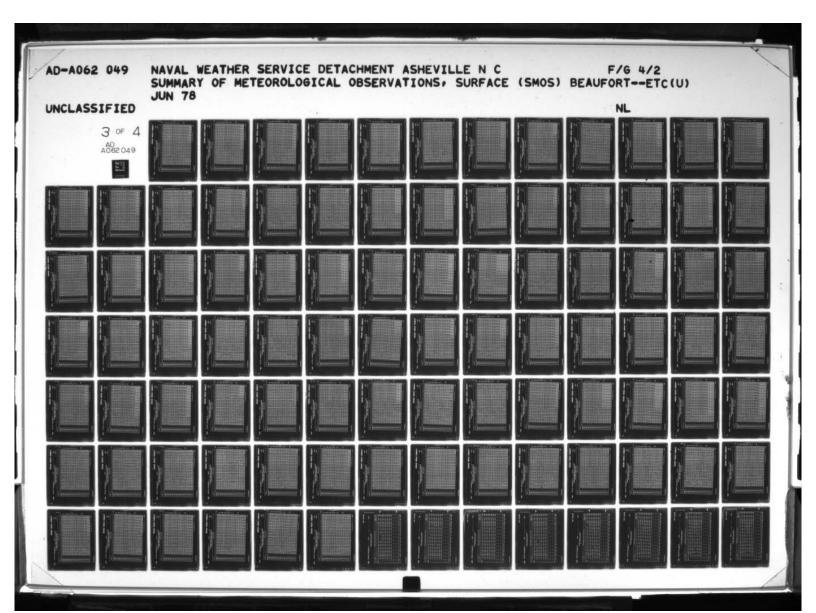
88

14 14

1500

ALAI

CEILING VERSUS VISIBILITY



-

CEILING VERSUS VISIBILITY JAN 68

HOURS ( S. T.)

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

SNO		
<b>VAT</b>		
OBSER		
RLY O		
DO P		
ROM		
<b>.</b>		1
	(FROM HOURLY OBSERVATIONS)	(FROM HOURLY OBSERVATIONS)

1.8 58.7 58.7 59.4 59.4 59.4 59.4 59.4 59.4 59.4 59.4	CEILING (FEET)	5	o Al	20	7	N AI	2%	VISI VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	88 AI	× Al	*	Z.	5/5 5/7	Al Al	A
\$5.5 \$ \$8.7 \$8.7 \$9.4 \$9.7 \$9.4 \$9.4 \$9.7 \$9.7 \$9.7 \$9.7 \$9.7 \$9.4 \$9.4 \$9.4 \$9.4 \$9.4 \$9.4 \$9.4 \$9.4						0.01		100									
55.5 5 58.7 58.7 58.7 58.4 59.4 59.4 59.4 59.4 59.4 59.4 59.4 59	2 20000		60 1		•	49.7		49.7	49.7		49.7	40.1	1004	49.7	49.7	49.7	10.1
55.5 58.7 58.7 58.7 59.4 59.4 59.4 59.4 59.4 59.4 59.4 59.4			1			28.4	100	29.4	57.4	37.4	29.4	27.4	27.0	27.6	29.4	39.4	1
55.5 58.7 58.7 59.4 59.4 59.4 59.4 59.4 59.4 59.4 59.4	18000		~			29.4		29.4	39.4	29.4	29.4	29.4	29.4	29.4	29.4	59.4	29.4
55.5 58.7 58.7 59.4 59.4 59.4 59.4 59.4 59.4 59.4 59.4	2 19000		"			\$9.4		59.4	59.4	59.4	59.4	59.4	59.4	99.4	59.4	59.4	59.4
58.7 61.9 61.9 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62	14000		5	58.7	58.7		59.4	59.4	\$9.4	10000	59.4	59.4	59.4	59.4	59.4	59.4	59.4
10000   58.7 61.9 61.9 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62	12000		-	59.4	59.4		0				60.09	60.0	60.0	60.0	60.0	60.0	60.0
9000 58.7 61.9 61.9 62.6 62.6 62.6 62.6 62.6 62.6 62.6 62	2 10000			61.9	61.9	2.	2.	62.6			2.	62.6	62.6	62.6		62.6	
03.00 63.2 67.1 67.1 67.7 68.4 68.4 68.4 68.4 68.4 68.4 68.4 68.4	000		-	61.0			2	62.6			2.	62.6	62.6	62.6	62.6	62.6	62.6
7000 63.9 68.4 68.4 69.0 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7			.2	67.1	67.1			68.4	68.4	8		4.89	4.69	4.89	4.89	68.4	68.4
5000 63.9 68.4 68.4 69.0 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7	- 1		0	68.4	68.4	6	0.000	69.7	69.7		-	69.7	69.7	69.7	69.7	69.7	69.7
2500 65.8 70.3 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0			0.	4.89			69.7	.6				69.7	69.7	69.7		69.7	69.7
2500 65.8 70.3 70.3 71.0 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.0 71.0 71.0 71.0 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9			2	69.7			71.0		-		-	71.0	71.0	71.0		71.0	71.0
2500 67.1 71.6 71.6 72.3 72.9 72.9 72.9 72.9 72.9 72.9 72.9 72.9			8	70.3			71.6				-	71.6				71.6	71.6
2500			-	-			72.9				2	72.9	72.9			72.9	72.9
2500 71.0 77.4 77.4 78.1 78.7 79.4 90.0 80.7 80.7 80.7 80.7 80.7 80.7 80.7 8			-	71.6			•		2.		72.9		72.9		72.9	72.9	72.9
2500 72.3 78.7 78.7 79.4 80.0 80.0 80.7 80.7 80.7 80.7 80.7 80.7	- 1			-	77.4	78.1	8	•	79.4		79.4	79.4	79.4	79.4		79.4	79.4
73.6 80.7 80.7 81.3 81.9 82.6 82.6 82.6 82.6 82.6 82.6 82.9 83.9 1300 73.6 80.7 80.7 81.3 81.9 81.9 82.6 82.6 82.6 82.6 82.9 83.9 1300 74.8 81.9 82.6 83.2 83.2 83.9 83.9 83.9 83.9 83.9 83.9 83.9 83.9				78.7	78.7		0	ò	0	0	0	0	.0	0			80.7
1500 74.6 81.9 81.9 81.9 81.9 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.9 83.9 83.9 83.9 83.9 83.9 83.9 83.9 83			-	80.7	0	1	-	-	•	2	2.	2.	2:	2.		82.6	82.6
1200         74.8         81.9         81.9         82.6         83.2         83.9         84.5 <th< td=""><td></td><td></td><td></td><td></td><td>0</td><td>-</td><td>-</td><td>-</td><td>2</td><td>~</td><td>3</td><td>3</td><td></td><td>2.</td><td></td><td></td><td>82.6</td></th<>					0	-	-	-	2	~	3	3		2.			82.6
1200         74.8         81.9         82.6         83.9         83.9         84.5 <th< td=""><td></td><td></td><td></td><td>-</td><td>-</td><td>2.</td><td>3.</td><td></td><td></td><td>6</td><td>3.</td><td>-</td><td></td><td>3</td><td>83.9</td><td>83.9</td><td></td></th<>				-	-	2.	3.			6	3.	-		3	83.9	83.9	
76.8         84.5         86.5         88.4         89.7         90.3 <th< th=""><th></th><th></th><th></th><th>-</th><th></th><th>•</th><th></th><th></th><th>;</th><th></th><th>;</th><th>;</th><th></th><th></th><th>4.</th><th>84.5</th><th>84.9</th></th<>				-		•			;		;	;			4.	84.5	84.9
76.8 84.5 87.7 89.7 89.7 90.3 90.3 90.3 90.3 90.9 90.0 90.0 90.0	1		200	-	•		6		0		0	0	0	0	0		90.3
76.8 84.5 87.7 89.7 92.3 92.9 92.9 92.9 92.9 92.9 92.9 92.9					•		6		0		ċ	0	0		0	90.3	90.3
76.8 84.5 87.7 89.7 92.3 92.9 92.9 92.9 92.9 92.9 92.9 92.9				_	-	6	-	-	-		=	-	-		1:		91.6
500         76.8         85.2         83.4         90.3         93.6         94.2         94.3							2	2	2		2.	2:	2	2.	2.		92.9
76.8 85.8 89.7 91.6 94.8 95.5 96.1 96.1 96.1 96.1 96.1 96. 76.8 85.8 89.7 91.6 94.8 96.1 97.4 97.4 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7				_		0	3.	-				;			;		94.2
76.8 85.8 89.7 91.6 94.8 96.1 97.4 97.4 98.7 98.7 98.7 98. 76.8 85.8 89.7 91.6 94.8 96.1 97.4 97.4 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7			and an				. 4	3.			.9			.0	9		
76.8 85.8 89.7 91.6 94.8 96.1 97.4 97.4 98.7 98.7 98.7 98.7 98. 76.8 85.8 89.7 91.6 94.8 96.1 97.4 97.4 99.4100.0100.0100.			1		•		3	1000							98.7		98.7
76.8 85.8 89.7 91.6 94.8 96.1 97.4 97.4 99.4100.0100.0100.0100.0100.0100.0100.01				-		-	;				_				98.7	7.86	98.7
76-8 85-8 89-7 91-6 94-8 96-1 97-4 97-4 99-4100-0100-0100-				_	6	91.6			4.76	97.4	1	0		0	100.0	100.0	00.00
76.8 85.8 89.7 91.6 94.8 94.1 97.4 97.4 90.4100.010			•	-		-			100			0	00.00		100.001	0.001	100.0
DESCRIPTION OF THE PROPERTY OF			. 8	85.8		1.	94.8		2		99.41	00.00	00.00	0000	100.00	100.0	100.0

0

0 0 0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

BEAUFORT, SOUTH CAROLINA

BEAUFORT, SOUTH CARDLINA

HOURS (LS.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Z Z							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	٥ ٨١	85 41	AI AI	N AI	1 2%	N 2	VI XI	VI %	Ā	% Al	* 11	N N	2 5/16	N N	O AI
NO CEILING		44.5	45		1.			10	100	1	45.	45.	45.	45.	45.	45.2
> 20000		2	34	54.2	54.2		54.2	34.		54.2	54	54.	34	54.	54.	56.2
18000		53.6		54.2	54.2	54.2	54.2			54.2	54.2	54.2	54.		54.2	54.2
N 16000		53.6	54.	54.2	54.2		54.2	54.2		54.2	54.	54.	54.	54.	54.	54.2
N 14000		54.8		55.5		5	55.5		5.	55.5	55.	55.	55.	55.	55.	55.5
≥ 12000		56.8		57.4	57.4	8	57.4	57.4	57.4		57.	57.	57.	57.	57.	57.4
		58.1		58.7		2	58.7		8		58.7	58.7		58.	8	58.7
0006 AI		58.1		58.7		3	58.7	58.7		58.7	58.			58.	5	58.7
0008 ~		64.5	65.2	•		65.	5		100	65.8		65.8	65.1	0	65.8	65.8
> 7000		64.5	mary.	65.2		1	65.8		3.		65.				•	65.8
0009 4		64.5	· mari	65.2	65.2	65.2	65.8		•	65.8	65.8	65.	65.	65.	0	8.69
> 2000		.65.8		66.5		66.5	-			67.1	1:	67.	67.	67.	9	67.1
		65.8	Jan Jan	66.5		66.5	67.1		7.	-	67.	67.	67.	67.	67.	67.1
> 4000		67.7	· in	68.4	68.4		6	6			69.	69.	69.	69.	9	69.0
		68.4		.6				ó	0	0	70.	70.	-04	•	70.	10.3
3000		71.6	300	73.6		3					74.	74.	74.	74.	74.	74.2
≥ 2500		74.8		77.4	77.4	77.4	78.7	78.7	78.7	78.7	-	78.7	18.	78.	1	78.7
> 2000		78.1			80.		-	-	-		81.	81.			81.	81.9
		78.1	80.		80.	0		:	-	-	81.	81.	*		8	81.9
≥ 1500		81.9			85.	5					86.	86.	•		100	86.3
		82.6	85.	86.5	87.		8				-	88.	8	88.4	88.4	88.4
N 1000		83.9	89.		91.	-	2.	2.	2	2.	92.				0	92.3
98 AI		83.9	89.		91.	-		2.	2	2.	92.	92.3				92.3
		83.9	1,510		91.	1.	2.	2	2.	2.	92.			2.	0	92.9
		83.9	89.		-26	2.	94.2			94.2	. 46	0	94.5	2.46 2	6	94.2
009 1		83.9	100		92.	2.			5.	3.	95.	0		3.		95.5
> 300		84.5			. 46		98.1		8.		.86	98.7			6	98.7
2 400		84.5	-	2.	95.	. 9	-			1722	6	0		1 99.4	99.4	99.4
7 300		84.5	-	92.9			98.7	0.001	100.0	100.0	100.0	10000	100.	10000	100.0	100.0
١٨ 500		84.5		92.9		. 9	98.7	100.0	100.0	100.0		100.0	100.	100.0	100.0	100.0
VI 8		84.5	· North	92.9	95.5	96.8	98.7	100.0	100.0	100.0	100.0	10000	100.	1000.0	100.0	100.0
٨١		84.5		92.9	95.5		98.71	100.0	100.0	100.0	100.0	100.0	100.0	1000	100.0	100.0

0

0

TOTAL NUMBER OF OBSERVATIONS

-

0

\*

0

96.1

83.2

88

AI AI

80

ALAI

88

AI AI

88

AI AI

CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO CEILING

0

> 20000

(FEET)

VI VI 00081 00081

Y 1 Y 1000

2000

0

0

2000

3500

ALAI

0

2500

1800

AI AI

88

AI AI

1200

AI AI

AI 2 5/16 2 88. \* 91.0 % // 91.0 88.4 93.6 ~ VISIBILITY (STATUTE MILES) 0.16 93.6 88.4 71.0 61.9 61.9 90.3 90.3 91.0 91.0 72.9 7 1% 2.46 94.2 ۸I 98.5 89.0 7 2% 73.6 89.0 90.3 87.7 85.2 ۳ ۸۱ 91.0 4 70.3 72.3 83.2 71.6 81.3 85.2 83.2 87.1 VI VI 69.7 81.3 80.0 83.2 00.09 0.69 0.69 70.3 78.1 80.0 83.2 1.09 63.9 67.7 80.0 4.69 74.8 69.7 60.7 4 2 Al

TOTAL NUMBER OF OBSERVATIONS

0

### CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CARDLINA

NO CEILING

(FEET)

VI VI 00091 00000 × 20000

V I V 12000

2000

AI AI

2000

ALAI

0

4500

3200

AI AI

00 E

AI AI

2500

ALAI

120

ALAI

88

AIAI

88

88

VIV

-

0

5703

89.0 80.5 80.5 ٨١ 89.0 68.3 88.3 ≥ 5/16 ٨I 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.9 92.9 88.3 88.3 88.3 88.3 88.3 88.3 Al 80.5 80.5 89.0 89.0 89.0 77.9 77.9 77.9 77.9 77.9 89.0 89.0 91.6 91.6 91.6 14 PERCENTAGE FREQUENCY OF OCCURRENCE 76.0 76.0 76.0 75.3 86.4 86.4 96.1 Al VISIBILITY (STATUTE MILES) (FROM HOURLY OBSERVATIONS) 80.5 92.9 95.5 95.5 17 80.5 91.6 17 76.0 76.0 86.4 89.0 89.0 89.0 89.0 66.2 66.2 80.5 91.6 63.0 63.0 1.96 ۸I 80.5 86.4 7 5% 72.7 76.6 78.6 79.2 78.6 82.5 84.4 85.1 8 79.2 83.8 86.4 87.0 8 61.0 61.0 13.4 74.0 74.0 76.0 76.6 87.7 80.5 85.7 89.6 90.9 86.4 90.3 91.6 72.1 74.0 74.7 M Al 0.4 72.7 67.5 69.5 70.8 AI 71.4 63.0 10.8 ۷) ۱۸ 1001 6.61 81.2 68.8 72.7 81.2 80.5 81.2 61.7 ۰ ۱۸ 2 AI

CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

80

AIAI

88

AIAI

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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CARDLINA

		1		-	-		-	10	1	-	-	-	-	-	F	Ð	-	-	-	-	-	-	0	-	-	-	-	-	-		4	0	0
	Al	58.	66.	99		66.	99		6		76.	78.	18.	79.	80.	82.	84.	85.	88.	88.	91.	92.	92.	94.	:	96.	96	98	66	66	99.	00	.00
		F		-		-	1	C	1	30	0	-	-	-	-	0	5	-			-	M	-	-		-		-	-		-	8	8
	N N	58	66.	66.	66.	66.	66.	69	69	76.	76.	78.	78.	79.	80.	82.	-	85.	88	88.	91.	92.	Town Street	94.	94.	96	96	98.	99.	99.	99.	90	90
	-	-		-	-			6	-			-		-	-	-	-				0	100	0		8	-	-	-	-		-	70	3
	5/16		9	.9	3	9	9		6	3				6	0	2.					-	5	2	:	:	;					6		
	AI		-	99	ŏ	.0	•	0		-	-	-	-	-		8	•		•		0	0	0	0	0	0	0	86	•	0	•	01	0
			-	5	-		L	0		8	3	-		*	-	9	5		*	*		~	0			5		7		*	1	0	
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	Al	58	5	69	5	59	5	89	69	76	10	17	7	13	90	18	83	83	87	87	89	06	6	16	16		6	10	10	3	16	16	*
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	Al	80	0	•	•	9	•	0		-	-	-	-	12.00	-		250	83			Estate	10	1.43		8								
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CEILING	EET)	NO CEILING	7 20000	18000	8	8	12000	8	900	800	7000	8	200	4500	8	3500	300	2500	200	1800	150	1200	8	8	8	8	8	8	4	8	8	8	-
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TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

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CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	21	٥ ٨١	S) Al	*	e Al	12%	1 N	¥1 ¥	71 7	Ā	* AI	*	X AI	≥ 5/16	N ×	AI
O CEILING		45.7	48.7			50.	6	0	50.		0		-	51.1		51
¥ 20000		54.6	58.3	69.0	6	60.			60	61.1	61.1				61.3	19
			88.4			60			60.	4	1			61.3		19
909		*	*	20.				6	9					61.3	61.4	3
			58.7	202		9	1		9			-				62
1200			0	5									2			62
						6.9	1	1	69	1				79		19
38			4.19	62.2	63.5	63.7	9	9	64.0	9	64.3	64.3	04.9	64.5	0.49	65
1		63.0	67.6		6	70.	å	0	70.	:	-	-	-	71.	:	17
141			67.8			20			1	1		-	-	71.	-	72
		63.6	68.4		0	71.	:	-	7.	-	-	-	2	72.	2	72.
800		64.1				2		2	72.	2	2	2	2	72.	2	73
1		64.7	6.69	70.9		72.			73.			73.5	3	73.		*
8		65.5	-			74.			74.				3	75.	5	75
1		66.0	2		;	75.	5	2	75.		9.		.0	76.	. 9	16
3000		68.6	75.4			-	6	6	79.				0	80.	0	80
1		69.8	-		0	00	-	-	81.	2	2.	2.		82.	2.	82
1 2000			78.6			82.			63.		;	;		84.	;	3
		71.0			2.	83.		3	83.					84.	;	*
≥ 1500			0.			85.	•		86.			•	-	87.	-	07
		72.6	81.0		•	8	7.	7.	87.	7.	7.	-		87.		8
1000			2		-	88.	6	6	89.		6	6	6	89.	•	6
98 4		73.5	2.			89.	6		89.	0		0	0	90.	0	2
8		73.6	2			89.	0	0	90.	0		0	-	91.	-	16
		73.8				3	:	2	92.	2	2.	2	2.	92.	2	66
8		73.9	3.		0	91.	2	2	.26	3.	3.			93.		*
		74.3				93.			. 46	5.	3		5	95.	3	2
8		74.4			-	94.			96.		•	9.	2	97.	1:	97
		74.4		88.9		6	3.		96	-	-	97.3	97.8	-	•	000
38		74.4			91.9	94.	3.		96.	-	-	:				6
81		74.4	84.6	88.9	616	94.3		96.8	96	97.8		98.0	98.6	98.7	8066	6
0		74.4		88.9	91.9		.9	9	96.	-			•		•	100

CEILING VERSUS VISIBILITY JAN 68

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TOTAL NUMBER OF OBSERVATIONS

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## CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIA	BILITY (STA	VISIBILITY (STATUTE MILES)	S						
(FEET)	71	٥ ٨١	80	4	e Al	> 2%	2 41	۲۱ ۲۲	71 71	-	*	*	Z AI	≥ 5/16	N NI	٨١
O CEILING			-	2						2	2	2	72.7	72.7		72.
≥ 20000						78.0		78.0			8		78.0	78.0		78.
≥ 18000		70.7	76.0	78.7	78.7		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.
2 16000				•		8				8	8	. 8		78.7		78.
14000				60		00				8	8.	8		78.7		78.
2 12000			9			6		79.3		6				79.3		79.
¥ 10000			0	2		2				2.	2.	2.		82.7		82.
000										2	2	2		82.7		82.
8000			3	9		9		.0		. 9	. 9	. 9				86.
2 7000		76.7				9				9	.9	. 9				86.
0009			3			9				.0	•					86.
2000						-				-	-	-	. •			
4500		77.3		87.3		87.3		87.3				1:	87.3	87.3		87.
4000			;			8				8					. •	
3500				6		6						6				
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2 2500				:		-				1.	1.	1.				
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1800				2		2.				2	2.	2				
1500				2		2										
1200			0			*				*	*					
1000			-	•						7	1:	1:				
006		82.7	1.	.9						97.3	-	-				97.
008 -			2.	7.		7.										
700			2.	7.	7.	7.				8.	8.	8.				
8		6	2.		98.0											98.
905		83.3	2.	8			0	00.00	0000	.00	0.0	000	.00	100.01	•	100.
94		83.3	2		98.7		0	00.00		0		0000	.00			
		83.3	2.	98.7		8	0	0.0		100.0	100.0	0.0		100.0	1000	100.
200		83.3	2.				0	00.00	00	.0	0.0	00.00	00.0	00	0	
92		83.3	2.		98.7	98.7	100.001		100.001	100.0	0	0000		100.0	1000	10001
٥		83.3	2.		1000000	98.7	100.0		ò	0	0.0	00.00	00	000	9	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

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BEAUFORT, SOUTH CAROLINA

HOURS (1.8.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	VISIBILITY (STATUTE MILES	ATUTE MILE	(53)						
(FEET)	01 7	٨١	S)	4	6 Al	≥ 2%	7	YI %	7 1 1/4	1 71	% AI	* 11	% Al	91/5 ₹	× AI	0 11
NO CEILING		60.7	68.7	71.3	72.7	72.7	73.3	73.3	73.3		74.0	*	74.7	74.	74.7	74.7
× 20000			74.0				4	0	9	80.7		0	-	81.	81.3	81.3
N 18000			74.0				0	0	0	0		0	-	81.		81.3
			74.0	78.0	79.3	79.3		80.0	80.0	80.7	80.7	80.7	-	81.	81.3	81.3
≥ 14000			74.0	78.0		6	•	0	0	0			-:	81.		81.3
		64.7	74.0	78.0	79.3	6		0	80.0	80.7			-	81.	81.3	81.3
2 10000		66.7	76.0	80.7	2.	2.	2.	82.7	2		83.3	3		84.	84.0	84.0
			76.0		82.0	2.				4.			. 4	84.	;	84.7
			78.7	83.3	84.7		.9	6.	6.	.0	.0		7.	87.		87.3
> 7000		68.7	78.7	83.3	84.7		9		9		•		-	87.		87.3
0009 3		69.3				85.3	86.7	86.7	86.7		7.	87.3	88.0	88.0		88.0
		69.3	80.0	84.7	86.0	. 9	:	2	-					88.	88.7	88.7
¥ 4500		70.0		85.3	86.7	86.7	•				8		6	89.		89.3
		70.0	80.7	3	•	86.7			8	8				89.	89.3	
3500		70.0	80.7	85.3	86.7				8		88.7		6	89.	.6	
		71.3	82.7			8	·	0	0	0		0	-	91.	-	
> 2500		72.0	83.3	88.0	89.3	80 60	7.06			-	91.3	91.3	2.	92.	92.0	92.0
		72.0	83.3	8	6	6			0	1.	1.	:	2.	92.	2	
V 1800		72.0						0.	0		1:		2.	92.	2	
		72.7	84.0		0	0	-	-	-	92.0	3	2	2	92.	2.	
N 1200		73.3		89.3	91.3	91.3		2						94.	;	94.0
1		73.3	84.7	0	3.	3	3						-	1.	-	
8		73.3	85.3	91.3	0.76					1.96					98.0	98.0
		73.3	86.0	2	•	. 4			.0		-	-	8		8	
92		73.3	86.7	45.7	95.3		-		-	98.0				6	99.3	
		3.	86.7	92.7				7.	-		98.0		6		99.3	
98 41			86.7	92.7		95.3	•	7.			0.86		6	86.3	E . 66	99.3
			86.7	92.7	95.3	98.3				98.7	98.7				10000	100.0
38		73.3	86.7	92.7	95.3	95.3	97.3		98.0	98.7	98.7	98.7	100.0	0		100.0
		3	86.7	45.7	95.3	3	97.3			98.7	98.7	98.7		100.0	100.0	100.0
VI 8			86.7	92.7			97.3		0.96	98.7		98.7	100.0	100.0	100.0	100.0
		73.3	86.7	92.7	95.3	5	97.3		98.0	98.7	98.7	98.7	00.00	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

HOURS (LS.T.)

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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

(FEET) (F	2 41	VI 6.0000	V 4 20 20 20 20 20 20 20 20 20 20 20 20 20	1 -444	N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* **	V 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 1% 5 1% 5 1% 5 1% 5 1% 5 1% 5 1% 5 1%	2 2 0 0 0 0	~ 53232	* 12.12.12.12.12.12.12.12.12.12.12.12.12.1	* 5555	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VI SULL	v, 20000	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
100 00 00 00 00 00 00 00 00 00 00 00 00		200440	66.00	6.00 2.2	00000	0 . 0 . 0	227.56	227.22		2000		125	18 18 18 18 18 18 18 18 18 18 18 18 18 1		82.00	882.7
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88 80		63.3	7.4.7 7.4.7	62.7 62.7 7.7		90.7 90.7		99.9	93.3	95.3	95.3	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	966.	9 9 9 8	9 6 6 6	9999

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TOTAL NUMBER OF OBSERVATIONS

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BEAUFORT, SOUTH CAROLINA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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	0 Al	60.	70.	20.0	70.	70.	70.	73.	73.	73.	75.	76.	76.	76.	78.	78.				88.				96.	96	and the		100.	100.	100.	100.	100.	100
	% AI	0.09	70.0		70.7	70.7		73.3	73.3	75.3	75.3			76.7							92.0	92.7	95.3	0.96	96.7	0.86	90.7	00.00	.00	.00	00.0	0.00	00.00
	5/16	0.09			1.0	1.0		3.3	3.3	5.3	5.3	0.9	4.9		8.0	8	3.3	0.9	1	8.0	2.0	2.		0.9	;	8.0		0.0	0.0		0.0	0.01	00.01
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	*		9	0.		1.	1.1	. 3	.3			0.		1.										0.		.0	-	0	.0	0.	0	0	0
	Al	9	20	5	70	70	70	73	73	73	75	76	76	76		78		86	87	88	92	6		96				100	100		201	ō	100
	-		9	0.0	7.1	7:1	7.0	1.3			5.3	0.5	6.7	1.1			.3			0.5	0.			0.0		8.0		0.0	•	•	0.0	0:	000
ES)	Al	69	1	7	70	70	76	73	73	7	75	76	76	76	78	78	83	86		88	92	1	95	96	96	9	98	100	100	100	100	100	100
VISIBILITY (STATUTE MILES)	77.	0.			1.7	1.1	1.1	1.3	.3	6.3	. 3	0.0			0		.3		.3				.3			0.		0:0		.0	.0	0	0
ATUT	Al	9	70	20			-	73	-	-	75	1	76	1	-	78	8		87	8	92	92	95	96	6	86	96	100	100	100		100	9
Y (ST	1%	0.4										0.									-	-	-	-		0.	-	-		0.0			0.0
1318	Al	9	20	10	70	×	70	73	73	-	75	1	76	-	76	76	8	98	8	8	9	26	6	16	9	6	6	100	100	100	100	100	100
VIS	2	0.0			7.7			3.3			10	0.9	0.5		7.3	7.3	2.7		6.7	•	1.3		4.7			7.3			8.7	3 . 7	8.7	8.7	8 . 7
	ΛI		1		_	70	7	7	7	7	7	7	-	-	-		8	00	00	00	0	6	0	0	0		6	0	0	0	•	6	0
	21/2	0.0		0.0	•	7.0	7.0	3.3	3.3	5.3	5.3	0.9	0.9	0.9		7.3	2.7	5.3		7.3	1.3	2.0	4.7		6.0	7.3	7.3	8.0				8.0	
	ΛI	9	7	-	-	7	7	7	7	7	1	1	-	1	-	1	0	0		8		0	0	6	0	6		0	•	0	0	0	0
	es Al		9	0.0		6.0	1.0	3.3	3.3	5.3	5.3	•	•			7.3		5.3	6.7	7.3	1.3	2.0		5.3	0.9	7.3	7.3	8.0	8.0	8.0	8.0		8.0
	٨١	9		*	-	-		7	7	-	7	1	-	7	-	1	00		8	00	0		0	6	0	6	0	0	0	6	0	0	0
	4		0.0	70.0			0.7	3.3	3.3	5.3	3.		6.0		7.3	7.3	2		•	7.3	1:	2.0	*						6.7	6.1		6.7	
	Α,			0	300	7	-	-	7 6	7	6	7 0	7	7 0	1	7	7	8			-	3	60		0		0	0	7	4	7	0	7
	49 Al	60.0	-		-			73.	73.	75.	75.							85.3				31.					. 56	. 96	94.			94.	
		2		<b>W</b>	3		31	100		100				177	- 1	75			200	1		1	-				0			100	0		9
	۸I	58.	67.	67.	68.	68.	68.	70.	70.	72.	72.	72.7	72.	72.	74:	74.	78.	80.	82.	82.	84.	84.	87.	87.	87.	88.	88	88.	88.0	88.	88.	88.	88.
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	Ži.																																
9	F	SNI	3	00	8	14000	8	8	0006	8	2000	9009	8	00	4000	00	3000	2500	00	8	1500	1200	00	006	8	8	909	200	00	300	8	8	-
CEILING	FE	NO CEILING	7 7000	≥ 18000	7	7 7	Z 12		<b>%</b>		2		S AI		4		S		7		Z 7	100	2		٨١		٨١		AI	AI AI			-
		ž																															

TOTAL NUMBER OF OBSERVATIONS

150

HOURS TEST.

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TOTAL NUMBER OF OBSERVATIONS

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	(\$3						
(FEET)	N N	o Al	8 41	1	VI S	2 2%	N N	VI Z	VI Z	- AI	× AI	* 1	X AI	≥ 5/16	AI X	O AI
NO CEILING		60.7	60.	0	0	60.		0	0	60.7	60.7			600	0	60.
> 20000		74.0	74.	74.0	74.0		74.0	76.0	74.0	3	74.0	74.	74.0	74.	76.	76.0
≥ 18000		74.0		74.0	74.0	74.		74.0	74.0	74.0	74.0	74.0	74.0	74.	0 74.0	74.0
N 16000		74.0	74.	74.0		74.	74.0		74.0	74.0		74.		74.	74.	-
> 14000		74.7	74.		4.	74.		74.7		74.7	74.7	74.		74.	74.	7 74.7
≥ 12000		74.7	74.	74.7		74.	74.7		74.7	74.7	74.7	74.7	74.7	74.	74.	74.
N 10000		76.7	76.	76.7	76.7	76.7	76.7	76.7	9	76.7		76.7	76.7	76.	76.	76.7
		76.7	76.	76.7	76.7	76.7	76.7		76.7	76.7	76.7	76.7		7	760	76.7
0008		78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.	78.	78.1
- 1		78.7	79.		79.3		79.3		79.3	19.3				~	79.	79.3
0009 AI		19.3	80.	0	80	80.	80.0	0	•	80.0	80.0			80.	0 80.	80.0
		80.0	80.	80.	80.	80.	80.7	0		1000	0	8		80.	80.	•
> 4500		80.7		8	81.3	81.3		81.3	81.3	81.3	-			81.	81.	81.3
1 4000		80.7	100	00	81.3	-		-	81.3	81.3				80	81.	
> 3500		80.7		81.3	81.3	81.	81.3	81.3	81.3	81.3		81.3	81.3		81.	81.3
3000		84.7	86.0		6.	86.	86.7	86.7	86.7	86.7				00		86.
> 2500		90.7	1000			92.	92.7	92.7	92.7	92.7	3	92.7	92.7	92.	7 92.	92.1
		91.3	-	93.	93.3	94.	0.46			94.0				94.		346
V 1800		91.3		63.3	0	*		0.46		94.0	94.0	0	0.46	94.	0 94.	94.0
				93.	0	96.	96.7	•	9	7.		0		97.		97.3
2 1200		93.3	7.46	95.		96.7		96.7	96.7	97.3	97.3	97.3	97.3	97.	97.	97.3
1		94.0	-	0	96	97.	2	2	-		98.0			0		98.
8 AI		94.0	95.3	96.0	96.7	-		97.3	97.3	98.7			98.7	98.	. 86	1 98.
		0.46	95.	96.	6		7	1		98.7			98.7			. 96
1 78		0.46	95.	0	97.3		8	98.0		.66	99.3	0	•	0		3 99.3
			-		97.3	•	98.7		8	100.0		100	100.	100.	00	10
98 AI		94.0	1	96.7	97.3	98.0	98.7	98.7	98.7	10	100.0	100	100	100	0	0100.0
1			- 43	0	97.3			98.7		9	00	-	2	100.	00	0100.0
300		0.46	95.3	0	97.3	98.0	98.7	98.7	98.7	100.0		-	100.0	100	1000	1000
		7	4	96.7	97.3	98.0	98.7	98.7	98.7	100.0	100.0	100.0	100.0	100	1000	
Y1 8		94.0	-	96.7	97.3	98.0	98.7	98.7	98.7	10000	100.0	100.0	100.0	100	1000	1000
o Al		94.0	1770	0	97.3	98.0	98.7	98.7	98.7	d	00	-	0	2		

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BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST.)

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5703

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VISIBILITY (STATUTE MILES)		1		-	_	0	-	-	-	_		-	_	-		_	_	_	_	_		_		-	_	_	-	10	-	7	7	=	7
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		-	6	co	60	0	-	•	0	(7)	60	0	10	1	0	0	0	-	-	1	200	-	-	-	-	-	-	2	-	-	-	-	~
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	Al	90	20	10.	20	17	7	14	75	78	28	78	18	78.	-	-	39	=	33	33	2	3	3	30	3	0	9	68		93		93	95
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CEILING VERSUS VISIBILITY JAN 68

400

TOTAL NUMBER OF OBSERVATIONS

150

0

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0 \* Al 94.0 88. 2 5/16 98.7100.0100.0100.0100.0100.0100.0 2 Al 88.7 88.7 \* 80°3 86.7 ٨١ 0.46 78.7 88.7 98.7 90.7 96. Al VISIBILITY (STATUTE MILES) 92.0 86.7 86.7 86.7 7 1% 84.7 88.7 66.66 84.7 86.7 90.7 90.7 99.3 7 7 96. 0.46 84.7 7.86 78.7 84.7 92.0 0.86 7.96 ۸I 95.0 0.86 97.3 98.0 80.0 85.3 90.7 90.7 90.7 90.7 98.0 N 5% 98.0 6.79 98.0 78.7 84.7 97.3 86.7 80.0 ۳ ۸۱ 87.3 96.0 96.0 84.7 96.0 96.0 78.7 86.7 86.7 86.7 90.7 92.7 95.3 4 82.0 84.7 95.3 92.0 7.46 95.3 80.0 78.7 82.7 90.7 40.4 92.7 AI 82.0 83.3 85.3 86.0 86.7 86.7 86.7 86.7 ٨I 2 NO CEILING (FEET) × 20000 VI VI 0005 0005 12000 VI VI 000 000 000 000 4500 3200 2500 2000 2000 88 88 88 80 1500 1200 88 AI AI AI AI ALAI AI AI ALAI

AI AI

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ALAI

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6

AI AI

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

BEAUFORT, SOUTH CAROLINA

JAN 68

5703 CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-

0 Al 0.06 90.0 91.3 40.4 Al ≥ 5/16 90. 40.4 22 90.0 78.0 81.3 90.0 89.3 89.3 89.3 89.3 90.06 90.7 88.7 ٨١ 89.3 89. % N 88.7 88.7 88. 90.0 0.06 89.3 90.06 0.06 80.66 7.46 <u>-</u> VISIBILITY (STATUTE MILES) 0.06 89.3 90.7 17 90.09 90.0 89.3 89.3 7 7 89.3 0.06 2006 0.86 88.7 88.7 89.3 89.3 89.3 0.06 89.3 91.3 94.7 98.7 96.7 7 90.0 0.86 0.86 98.7 90.0 90.0 90.7 7.96 ¥ 2% 91.3 86.0 81.3 90.0 0.06 7.06 78.0 89.3 98.7 94.7 96.7 ۳ ۸۱ 0.06 88.0 89.3 89.3 89.3 88.7 88.7 89.3 90.7 ٨١ 76.7 80.0 82.7 88.0 82.7 87.3 88.0 82.7 88.0 82.7 88.0 88.0 82.7 88.7 83.3 89.3 ا۸ ۱۸ 74.0 82.7 76.7 76.7 80.7 82.7 82.7 83.3 83.3 84.7 84.7 82.7 84. 84. ۰ ۸۱ 2 ٨I NO CEILING (FEET) VI VI 00081 00081 2000 1500 80 > 20000 2000 4500 3200 1200 88 88 88 2000 88 AI AI ALAI AI AI ALA ALAI AI AI AI AI ALAI

150

TOTAL NUMBER OF OBSERVATIONS

**NAVWEASERVCOM** 

(0)

PERCENTAGE FREQUENCY OF OCCURRENCE

BEAUFORT, SOUTH CAROLINA

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2

CEILING (FEET)

NO CEILING

VI VI 00081 00081

V IV

2000

ALAI

2000

ALAI

(FROM HOURLY OBSERVATIONS)

0

VERSUS VISIBILITY

0 Al V VI 85.4 84.2 82.8 2 5/16 2 1 \* Al VISIBILITY (STATUTE MILES) 7 7 17 A) × 21/2 ۳ ۸۱ 76.2 81.3 83.4 81.2 87.5 89.8 80.3 82.3 4 ۷) ۱۸

75.3

4500 4000

ALAI

3000

ALA

\$0.4

2000

ALAI

85.3

1200

ALAI

1500 005

AI AI

83.3

88

ALAI

88

AI AI

88

AIAI

TOTAL NUMBER OF OBSERVATIONS

200

NAVWEASERVCOM

80

AIAI

88

AIAI

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		-	9	0	0	-	0	8	-	0	0	-	-0	0	N	N		-	-	-	0	0	8	80	-	-	8	-	P	0	0	0	9
	N N						73.		76.	81.	81.	82.	62.	82.	83.	83	85.	87.	89.	89.	91.	92.			95.	96.	96	98.	98	100	00	001	9
	31		-	3	3.	3		9		-	-	2.	2	2.		3.	3	-	6		:	5.9	;	*	3	•				0.00	0	0.0	0.0
	5/16	.56				all I	N.	8.		6.	6	9.			.2	~				. 7		6 6.	. 8			1.				0100	-	-	010
	VI S	-		360	-			L	-		8	8	8	0	•		•	8	2	8	0	6	0	0	77	6		0	0	~	-	200	
	Z Al		-		3.		2			:		2.	2.	2.				7		6	-	92.9		:			;		8	0	0	0001	00.0
	*	66.5	-	-				.9	.9	1.	1.	2.	2	2				7.	6	.6	1:	65.6	;		3	•	.9	8			ò		000
	% Al	•	-	m	3.			.9		:	-	2.	3	2				7.	6	6	-	65.6	;	;	3		9		8		0	0	00.00
•	Ā	i	3.6	3.6	3.6	0		6.8	6.9	1.9	1.9	2.6	2.6	2.6	3.2	3.5	5.8	7.7	4.4	1.6	1.6	6.26	4.8	4.8	5.5	6.1	6.9	8.1	8.7	0.01	0.01	00.00	0.01
UTE MILES	¥11 ≤		3.6	3.6	3.6			6.8	6.8	1.9	1.9	2.6	2.6	2.6	3.2	3.2	5.8	7.7	4.4	4.4	1.6	6.2	8.4	4.8	5.5	5.5	6.1	7.4	8.1	8.71	8.71	8.71	8.71
VISIBILITY (STATUTE	21.75	10	3.6	0.0	3.6	3.6	3.6	6.8	6.8	1.9	1.9	2.6	2.6	2.6	3.2	3.5	5.8	7.7	9.7	7.6	1.6	92.9	4.8	4.8	5.5	5.5	6.1	7.4	8.1	8.1	8.7	8.1	8. 7
VISIB	2 4	6.5	3.6	300	3.6	3.6	3.6	8.9	6.8	6.1	1.9	2.6	2.6	2.6	3.2	3.2	5.8	7.7	9.7	4.4	1.6	6.26	8.4	4.8	5.5	5.5	6.1	7.4	8.1	8.7	8.7	-	8.7
	Y 2%	65.8	2.9	5.0	2.9	5.9	2.9	6.1	6.1	1.3	1.3	1.9	1.9	1.9	2.6	2.6	5.2	6.5	8.4	8.4	6.0	1.0	5.9	5.0	3.6	3.6	4.2	4.8	5.5	5.0	5.5	50	5.5
	e 41	65.8	2.9	•	0.	0.	.9	1.	.1	1.3	1.3	1.9	1.9	1.9	2.6	9.	5.2	6.5	8.4	4.8	0.3	-	5.9	0.	3.6	•	4.2		5.5		5.5	e.	5.5
	7	64.5	9.	:	-	-			. 4	0.0	0.0	2.1	2.0	2.1	1.3	1.3	9.6	5.2	1:1	1.1	0.6	2.4	9.	9.1	6.3	2.3	2.3	6.2	3.6	3.6	3.6	9.6	9.6
	SO AI	-	m	2		w		0				*		4.	0	0	6.	3.2			8	86.5	8.4	4.	0.6	0.6	0	0.6			9.7	2.4	.7
	% AI	52.3	9.4	39.4	\$9.4	59.4	59.4	62.6	2.	67.7	7.7	4.89	8.4	4.8	8.4	8.4	68.4	69.7	71.0	71.0		71.0	-	71.6	71.6	71.6	71.6	71.6	-	71.6	71.6	71.6	71.6
	9		+																												1		1
CEILING		CEILING	3	18000	0000	14000	2000	0000	0006	9000	000	0005	2000	4500	0000	3500	3000	2500	2000	1800	200	1200	000	98	80	902	99	200	8	300	280	8,	,
E E	E	0 5		<u>ہ</u> ہے۔		AI	71	٨١		AI			AI		AI	Al	-	Al	1	AI	-	AI	-	AI	AI	AI	AI	AI	AI	Al	AI	AL	AI

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

BEAUFORT, SOUTH CAROLINA

HOURS (LS.T.)

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## CEILING VERSUS VISIBILITY

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CAROLINA

93831 STATION

100 HOURS (1. S.T.)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	£S)						
(FEET)	2	٥ ٨١	\$ 1	<b>4</b> Al	6 41	> 2%	2 2	¥1 Y	7 1%	1 1	% Al	* 1	Z AI	91/5 ≥	% Al	0 1
NO CEILING		34.2	43.2	48.4	50.3	52.3	52.9	52.9	\$2.9	53.6	54.8	54.8	55.5	55.5	55.5	56.1
7,000		8			9	8	6			d	-	:	-	-	-	
V 18000		39.4		55.5		200	0.09	0.09	•	60.7	61.0			95.0	950	
2 19000		39.4				6	ò	0	•	ò		•	. 7	5	20	
≥ 14000		39.4				0		0				3		3	63.2	
≥ 12000		39.4		56.1		0			0	1:	2.			3.	3.	63.9
≥ 10000				0.			5.	5.	5.	.9		67.7	8.		8.	69.0
0006 AI		41.3			3	5				7.		8.		9.		69.7
				.0	6		2.	2.	2.	2.	;			4		75.5
200		45.8		66.3		-	72.3			2	74.2	74.2			;	75.5
			58.7	.0	6	82.10	2.	72.3		2				*		75.5
2000						2				3	3	3		.9	;	76.8
		-			72.3	74.2	75.5	2	75.5	76.1	77.4		78.1	78.1	78.1	78.7
4000					2	*	•	9		. 9		8				19.4
		48.4			3.	5	.9	6.		7.	8.	8.			. 6	80.0
> 3000		:		3.	77.4	0	-	1	-	:		3		3.		
> 2500		51.6	65.8	•	7.		1.					3.		83.9	83.9	84.5
> 2000		2			8	1.	2	2.	2	3.	3		5.	5	5.	
≥ 1800		2.			78.7	1.	82.6	2.		3.	3.	3.	5.	85.8		
≥ 1500		3.		. 9	0	3.	4.			3	2	1:	1	-		
		3.	•	. 9		3.	*					-			88.4	89.0
≥ 1000					-	-	. 9		. 9	1:						
0%		54.2	69.7				0		86.5	87.1		89.7		90.3	90.3	91.0
				.0				8	8	9.	:		2.	2.		92.9
		5.	71.6	81.3	5		.6	6	89.7	.0		2.	3	3	•	1000
009 Al		55.5	71.6	-			ċ	0		-					94.2	
		56.1		3.	7.		3.	3.				. 9		7.		98.1
≥ 400		56.1	72.9	83.2			93.6		3.					98.1	98.1	98.7
300		56.1	72.9		87.7	92.9			94.2	94.8				98.7	4.0	100.0
		56.1	72.9	83.2		2.			94.2	94.8		98.1	98.7	98.7	4.66	
V 100		56.1	72.9	83.2		65.6	*	2.46		8.96	1.86	98.1	98.7	98.7	4.66	100.0
		56.1	72.9	83.2	87.7	2.	94.2		94.2	94.8		1.86	98.7	98.7	99.4	00.0

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0

0

TOTAL NUMBER OF OBSERVATIONS

HOURS (LS.T.)

10

## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	Ot 2	9 1	S AI	1 4	ε Al	> 2%	2 41	¥1 Y	71 2	1 1	% Al	* 11	% Al	≥ 5/16	% Al	0 11
NO CEILING		45.6	m.	44.5	44.5	4.0	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.9
		22.3	1.	200	90	4	•	200	9	200		29.0	20.0	24.0	20.0	200
71 VI 8006 0006		22.9	24.	24. 0 4	9.4	500	9 0	. 4	24.	9 4	4.0	40.00	36.0	24.0	54.8	
> 14000					85.5	55.5	8	45.5	2.00	66.5	55.5	55.5	55.5	55.5	55.5	55.5
12000				35.	55.5	55.5	200	55.5	55.5	100	55.5	55.5	55.5	55.5	55.5	55.5
N 10000				58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
> 9000			\$7.4	58.7	58.7	58.7	58.7	\$8.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
0008 ×				66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
> 7000		62.6	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
0009 ~				66.3	66.5	66.5	66.5	66.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
> 5000		63.2	65.8	67.1	67.1	67.1	67.1		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
> 4500		63.9	66.5	67.7	67.7	7.	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
> 4000		63.2	67.7	69.0	69.0			444	69.0	69.0		69.0	69.0	69.0		69.0
> 3500			67.7	69.0						6				69.0	69.0	69.0
≥ 3000		69.0	72.3	74.2		74.8	74.8	74.8	74.8	74.8			74.8	74.8	74.8	74.8
> 2500		74.2	77.4	79.4	80.0	80.0		0	80.0	80.0	80.0	80.0	80.0	80.0		80.0
		76.1	80.7	82.6	83.2	83.2	83.2	83.2		3.			83.2	83.2	83.2	-
> 1800		76.8	81.9	83.9	84.5	84.5		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.9
200		81.3	87.7	90.3	91.0			92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
× 1200		81.9	88.4	91.0	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
> 1000		84.5	91.6	94.2	95.5		96.8		97.4	97.4		97.4	97.4	97.4	97.4	97.4
96 Al		-	92.3	94.8	1.96	96.8	97.4	98.1		98.1	98.1	1.86	98.1	98.1	98.1	98.1
			92.9	95.5	96.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
				95.5	97.4	98.1	98.7	4.66	4.66	4.66	4.66	4.66	4.66	40.66	99.4	40.66
> 600		85.2	92.	96.1	98.1		99.4	100.00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
			2.0	96.1	98.1	98.7	4.66	0	100.0	100.0	100.0	100.0		100.0	2	100.0
> 400		85.2	92.	96.1	98.1		99.4	0.0	0	100.0	0	100.0	100.0	100.0	100.0	100.0
300		85.2	92.	96.1	98.1	98.7	4.66	0.	100.0	100.0	100.0	100.0	2	100.0	100.0	100.0
> 200			200	96.1	98.1		99.4	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
V 100		85.2	92.	96.1	1.86		4.66	100.00	100.0	100.0	100.0	100.0	100.0		100.0	100.0
0 1			- real	96.1	98.1		90.6	100.0	164	0.0	100.0	100.0	100.0	100.0	100.0	100.0

0

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

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CEILING							VIS	VISIBILITY (ST	(STATUTE MI	MILES)						
(FEET)	2	۸I	S AI	4 1	e Al	1 2%	2 2	¥1 Y	¥1 Y	AI .	% Al	* AI	Z AI	≥ 5/16	× Al	0 11
NO CEILING		35.5	36	36.1	36.1			36.	contraction.	36.	36.	36.	36.	36.		36.1
00091		45.2						0	.0	9	40	40	9 4	9		46.3
			:	• •	• •		1 012 1	9	94	•	46.	9	99	000		•
N N N N N N N N N N N N N N N N N N N			51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.		0 51.0	51.0	51.0	51.0	51.0
VI VI 7000 7000								36.	56.	56.	56.	56.	36.	56.		
000 900 AI AI		::	30	0			56.8	56.	56.	56.	56.	56.	56.	56.	90	57.4
954 400 400		5	80				30 0	20		58.	58.	58	98	58.		58.1
3000		56.8	6.	59.4		0 0	0	60	68	900	600	900	98	600	0.0	
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			3:	77.4	78.1		80			78	78.	48.	9.6	78.		78.1
91 VI		79.4	87.7	95.5		0.	01	90.	99.	89.	99.	93.	92	89.		99.0
VIVI 1000		85.2	::	95.5	97.4	-0	-0	90.	4	99.	99.			00	97.4	99.4
88			::		4.66	0.0	00	00	100	1000	100	900	900	100	00	900
88 88			::	97.4	4.0	00	000	00	100	100.	100	-	100.0	100	000	100.0
88		85.2	94.8	97.4	4.66	000		100.0	-	100.	000	1000	100.	100.0		
8 8 AI AI				97.4	9.4		00		100.	1000	100.	0100.0	100.0	100.	0.0	00
80			::	97.4	4.4	00	00	00	100.	100.	100	100	100.	100.	00	100.0

TOTAL NUMBER OF OBSERVATIONS

HOURS ( ES. T.)

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## CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH, CAROLINA
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(FEET)							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
	2	o Al	S AI	**	6 VI	2 2%	21	72	× 1	Ã	× AI	* 11	% Al	≥ 5/16	7. 1.	0 1
NO CEILING		43.9								.0	46.5			46.	46.5	46.5
≥ 20000		87.4		60.7		- 1	4	9					9	60	3	60.7
N 18000			60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000		-	-	61.3	4	4	+	-	4	4	1	3	-	0	1	6
≥ 14000			60.7	61.3		61.3		61.3			:	-		61.	61.3	61.3
≥ 12000			61.3	61.9		4		4	1	1	610			610		61.9
≥ 10000		63.9	66.5	67.1		67.1		1	67.1	67.1	67.1		-	0	67.1	67.1
000 Al			66.5	67.1		1	7	1	1	7	1		1	67.	67.1	67.1
			75.9				3.	3	•	3.	3	*	-	73.	73.6	73.6
141		68.4	72.9	73.6	73.6		72.6	73.6	7	73.6	3.	3.		73.		73.6
1		48.4	75.9					3	-	3.	3.	3.	3.	73.		73.6
9006			73.6							74.2				74.		74.2
1						1	1	1		3		;		74.	74.8	
90			7						9	76.1			9	76.		76.1
1		70.3		76.1	76.1	76.1	76.1	76.1	76.1		76.1	76.1	76.1	-	76.1	76.1
3000			80.0			-		-	:	-		-	-	81.		
1						3		5		85.8			3	85.		85.8
7 2000			89.0			:	1.	-	-	-		91.	-	91.		91.0
1			89.0			1.		-	-	-		91.	-	91.		91.0
1500		87.7	96.8			. 8			8	-		98.		98.		99.4
1			96.8					8.	8	98.7		98.		98.	98.7	40.6
200		87.7	96.8						8.			98.	98.7			99.4
			96.8	4.66		6	.6	6				66	4.66	6	3066	0
8 Al		87.7	96.8		4.66	6		6	6			0	99.4		99.4	a
			96.8		4.66	9.	6			4.66		4.66	99.4		406	0
9			96.8	4.66	4.66	6	90.6		99.4			0	99.4	0	0	100.0
		-	96.8	4.66		4.66				40.6		0	99.4		4.66	
1 400		7	96.8	4.66		6	90.4			.6		0	99.4		99.4	100.0
			96.8	4.66	4.66	4.66		4.66	6	4.66			4.66	4.66	9000	100.0
7 200		87.7	96.8	4.66		4.66	90.6		4.66	99.4	4.66	0	99.4	99.4	9904	
901 ×			96.8	4.66	4.66	4.66	4.66	4.66	4.66	4.66		4.66	400	4.66	***	100.0
٨١			-		4.66	4.66	90.4				•		99.4		99.4	

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LS.T.)

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80.7 2 5/16 2 N 80.7 80.7 \* **VI** 81.3 81.3 80.7 VISIBILITY (STATUTE MILES) 80.7 71 7 80.7 7 7 73.6 80.0 80.0 80.7 83.2 67.1 AI 2 21/2 ۸I 79.4 80.0 Al 70.3 78.7 60.0 66.5 11 63.9 70.3 4

NO CEILING

(FEET)

VI VI 0009 0009

V 1V 1200

VI VI 000 000 000

AI AI

2000

AI AI

> 3500

									-	-			1	-
36 1		1 88.4	89.0	0.68	90.3	8006	90.3	90.3	90.	90.3	90.3	90.	3 90°3	90.
	77.4 88.	4 89.7	8.06	90.3	:	1	1	•	91.		91.	91.		. 16
			;	•							-			
7 2000		0 90.3	91.0	91.0	92.3	2.	2	92.3	92.	2	92.	92.		92.
		0 96.3	91.		2	2.	2.	2.	.26		92.	92.	.26	0
N 1500	80.0 92.	3 93.5	94.	94.2	95.5	95.5	5	95.5	95.	95.5		95.		95.
		8.46 9				96.8	96.8		96.8		ō	96.		96.
VI 000 001		8 96.1	96.8				\$	98.1	8	98.1	8		1 98.	98.
	0	8 96.1		9		98.1	98.1	98.1	1.86	98.1	98.1		1 98.1	98.
08 AI		8 96.1	96.8	96.8			98.1		98.7	98.7			7 98.7	98.
	81.9 94.	8 96.1	96.8	96.8	98.1	98.1	1.86		7.86	98.7	1.86	6	7 98.7	.86
009 A	•	8 96.1	96.8				98.1	98.7	98.7	25000		0	7 98.7	98.
200	81.9 94.	8 96.1	96.8	. 9		98.1	1.86		98.7	98.7	68.7	. 86	7 98.7	98.
N 400	0	8 96.1		96.8				4.66		99.4	99.4		4 99.4	99.
300	0	8 96.1	. 9	8.96	4.66	4.66	4.66	100.0	100.0	100.0	100.0	1000	100.0	100
N 200	1.9	8 96.1				4.66	4.66	100.0	100.0	100.0	100.0	1000	100.0	100.
91 81	81.9 94.	8 96.1	96.8	8.96	4.66	4.66	4.66	100.0	100.0	10000	100.0	100.	0100.6	100
٨١	1.9	8 96.1	96.8	96.8	4.06	4.66	4.66	100.0	100.0	100.0	100.0	1100.	100.0	100.

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TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

(3)

HOURS (FS.T.)

CEILING VERSUS VISIBILITY JAN 68 5703

**CEILING VERSUS VISIBILITY** 

BEAUFORT, SOUTH CARPOLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MILE	S							
(FEET)	5 7	9 11	8 4	4	es Al	> 2%	2 2	۲۱ ۲۲	71 71	- Al	% AI	*	Z Al	≥ 5/16	N X	٥	
O CEILING		54.8		69.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	
VI VI 00081 00081		65.2	44	11:4	11:4	77.4		77.0	11:4	11:4	11:1	77:4	41.4	77.4	77.4	1	
1400		6.8		78.1	78.1	78.1	78-1	1.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	
900 900 900		67.1	78.1	80.7	80.7	80.7		80.7	80.7	80.7	80.7	80.7	80.7		80.7	80.7	
7000 7000		22.0	82.6	85.2	85.2	•		85.2	85.2	85.2	85.2	5.	85.2	85.2	85.2	85.2	
0009 AI AI					3.5	5.		85.8		85.2	85.2	85.2	85.2	85.2	85.2	85.2	
VIVI 4000			84.5	87.1						87.7		::	87.1		87.1	87.1	
3000				4.88	91.0			8	88.4	88.4		91.0	8 -		91.0	88.4	
Y 2500			91.0		-:	91.6	91.6		1.	91.6	1.	91.6		91.6	91.6	91.6	
1800		75.5	91.0	94.8	94.8	94.8	3 6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
Y 1200		76.8	92.9	96.8	96.8	6.	96.8	96.8		96.8	96.8		96.8	96.8	96.8	96.8	
808		76.8		00		6.	9:	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
88		76.8		96.8	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
Y Y 500		76.8	92.9	97.4	98.1	98.1	98.7	98.7	98.7	99.4	99.4		100.00	100.0	10000	1000	
300		76.8	93.6	98.1	98.7	98.7		99.4	99.41	00.00	00.00		100.0	100.0	1000	000	
80		76.8		98.1	7.86	98.7	4.66	4.66	99.41	0.00	100.0	00	100.0	00	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ( P.S.

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GEILING							VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	AI AI	8 41		6.4	Y 2%	2 4	۲۱ ۱۷	YI XI	-	N %	* AI	% Al	> 5/16	N NI	O AI
NO CEILING		43.8	50.5	10-2		-			60	4		54.	54.	54.	54.	54.4
≥ 20000			60.6	4	63.7		64.3	64.6	90,99		9	. 40	64.	64.	64.	64.8
≥ 18000		53.4	60.7			1.40	;		64.5	64.7			64.	64.	6.49 6	65.0
		53.4	60.7	2		*						64.	64.	64.	64.	
		53.6		63.1					64.8	*		65.	65.	65.	65.	65.3
≥ 12000		53.9	61.2		64.5				65.2			65.	65.	65.	65.	
					8		8.		69.0	9.		.69	.69	69	69	
0006			64.7	67.1	68.5				69.1	6	6	69	69.	69	69.	
			70.6			3			74.8	3		75.	75.	75.	75.	
7000		61.5	70.5	72.9	74.3				74.9			75.	75.	75.	75.	
			70.6					5	75.0		3	75.	75.	75.	75.	
2000		2	71.1			2	. •		75.7			76.	76.	76.	76.	
			71.7		75.6	3.						ill a	76.	76.	-	
14000		63.0	72.4	74.8				-			-	77.	77.	77.	77.	
			72.7								-	17.	17.	77.	77.	
3000			76.6	79.5	-	:		2		2.	2	82.	82.	82.	82.	
> 2500			79.5	82.5		84.6	85.2					85.	.58	85.	85.	85.8
> 2000		71.1		86.0	7.	8		8.		6	6	100		89.	8	
> 1800		71.1	-		7.			. 6		.6		89.	69	89.	80	
		73.8	86.4	6	-	2						93.	93.	93.	93.	
> 1200		74.0	86.8	•	2	2		3.		•	:	. 46	94.	94.	94.	
N 1000		74.8	88.2	2.				3		3.		96.	96.	96.	96.	2.96
006 2		74.8		92.2				5.		•	6.		.96	96	0	96.5
3		74.9	88.6	3.		3.	1.96	.0		.0		96.	97.	97.	97.	97.2
700		75.0	88.7	•										97.	0	97.6
009			88.7			3	96.8			7	1			97.	0	98.0
2 300		1,600	88.9	93.4	95.0							100		98.	98.	98.7
		73.1	89.1	3.	96.1		97.8							99.	0	1.66
300		75.1	89.1	93.6	96.1	96.9	98.1	98.2	98.2	99.0	4.66	4.66	90.4	6	\$	40.1
		75.1	89.1	3.	96.1		98.1			6	6	1	99.5	0	5 99.7	99.6
8		73.1	89.1	93.6	1.96	•	98.1				99.4	4.66	9.0	99.	2 99.7	6.00
		75.1	89.1	3	100	9	-			6	99.	99.4	99.5	-	5 99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

HOURS (CS.T.)

### CEILING VERSUS VISIBILITY JAN 68 5703

BEAUFORT, SOUTH CAROLINA

**CEILING VERSUS VISIBILITY** 

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING									VISIBIL	ITY (ST,	VISIBILITY (STATUTE MILES)	ES)										
(FEET)	21	٨١	\$° Al	VI 4		e 11	2 2%	1 2	Al	7.1	¥1 ¥	Ā	Al	*	*	Al	2	≥ 5/16	9	N N	AI	
NO CEILING			54.7	39.	0			7 60	1		60.7	.09	0	7.0	9	4		9		60.7		
A 10000				\$	7	4.	0	9		4	1	1	9.	9	2		0	9		•	9.	9
1 4 1					- 1	9 4	•	0 4	2 4	•	9	.00	5 6	. 1		3 6	3 6	3		2 4	34	3 6
> 14000			100	1	-	4	•	1	4				4		99			99			*	1
> 12000		46.7		9	7	9	66.0		0	0	66.0	66.	0	4.5	99	9	9	99	0	9	3	
V 10000				99	7	8.0	68.0	0	9			68.	9			0		89	0	58.0	89	0
000				99	7 6		68.	9	9	- 1	68.0	68.	9	4		0 6		99	9	.8.0	6.0	
0008		52.7	70.7	7.	1	18.7	78.	7 78,	1	8.7		78.	7 7	8.7	78.	7 7		78		78.7	78	-
- 1		53.3		78.	0	9.3	79.	79.	3 7	9.3	79.3	79.	-	6.3	29.	3 7		19	-	19.3	79	
0009			113	79.	8	10.7	80.7	.08	-	6	80.7	80.	*	1.0	80.	•	7.0	0	-	80.7	8	
		55.3		80.	7	2.0	82.0	3 82.	8	2.0	82.0	82.	8	2.0	82.	0 8	2.0	82	0	12.0	82	9
> 4500				81.		122000		7 82.	7	2.7	82.7	270	7 8	2.7	82.	7 6	2.7	82	F.	12.7	82	1.
1 4000				81.	3	2.7	82.	82.	4	2.7	82.7	82.	7 8	2.7	82.		2.7	82	-	2.7	82	
> 3500		56.0		81.	3 8	0.000	82.7	7 82.	7	2.7	82.7	8	4	2.7	62.		2.7			12.7	82	
				83.	3	4.7		84.	7 8	4.7	84.7	84.	1 8	4.7	84.	4					84	-
2 2500				83.	0		84.7		-	+: +	:		00 P	4.7	84.	2	1.1	48	F.	14.7	84	
				88.	8	19.3		89.	60	9.3		89.	8	6.9	89.	3		89	-	99.3	89	
V 1800					8	6		00	8	6.0	89.3		00	9.3	89.		6.6	68		89.3	89	
- 1				92.					3		93.3		6	3.3	93.	0	2.3		-	93.3	93	
1200		62.0		92.	4	4.7	94.7	7 94.	1		94.7	94.	0	4.7	94.	7		36	r.	7.96	*	
- 1					4	7.3	-	0	0	-						1					97	-
8					5	7.3	97.3	0	100	7.3	97.3	97.		4.3	97.	0 10		97	- M	97.3	97	
			-		0	8.0	8	0	9	8	98.0		0			-	9.0			0.86	98	
00 AI					0	9.0		98 0	0	8.0		98.	0	0.8	98.	60	8.0	86	0	98.0	96	0
				9	7	18.7	98.	98.	0		98.7	6				•		98	23	:	98	-
905 Al		63.3	88.7	57	M	9.3	99.3	66	0	· 0	99.3	.66	OM	6.9	66		a	66	m	E . 66	66	-
			88.7	98.	010	0.0	100.0	2100	010		100.0	100.	010	0.0	90	010		100	3	000	100	9
30		63.3	88.7	98	010	0.0	100.0	9	010	0.0	100.0	100.	010	0.0	001	010	0.0	100	÷ 0.	0.00	200	
		63.3	88.7	98.	010	0.0	0	0100	010	0.0	100.0	100.	010	0.0	100	010	0.0	100	3	000	100	9
8		63.3	88.7	98.	010	0:0	00	2	2	0.0	0	2	010	0.0	001		0.0	100	50.	0.00	2	0
			88.7	98.	010	0.0	0	0100	010	0	100.0		0	0.0	100	010	0.0	100	-016	00.00	100	0

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TOTAL NUMBER OF OBSERVATIONS

150

BEAUFORT, SOUTH CAROLINA

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PERCENIAGE PREQUENCY OF OCCURRENCE	M HOURLY OBSERVATIONS)
PERCENIA	(FROM

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CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	9 Al	50	7	N AI	≥ 2%	2 4	71 71	¥1 VI	-	* 11	*	Z Al	≥ 5/16	N AI	٥
NO CEILING		32.0	50.0		61.3		62.7	2	62.7	62.7	2		63.3	3	6	63.3
N 20000		36.7		64.7	69.3		71.3	71.3	-	71.3		71.3	72.0		72.0	72.0
N 18000		36.7	56.0	64.7	69.3	70.0	71.3	71.3	71.3	71.3	71.3	71.3	72.0	72.0		72.0
		36.7	56.0	64.7			71.3		71.3	71.3	71.3		. •		72.0	72.0
N 14000		36.7	56.0	64.7	69.3		71.3	1.	71.3	71.3		71.3	72.0		2.	72.0
N 12000		36.7	56.0	64.7				71.3	71.3	71.3	71.3	71,3				72.0
N 10000		40.7	60.7	69.3	74.7	78.3	76.7		76.7	76.7	76.7	76.7	77.3	77.3	77.3	77.3
		40.7	60.7	69.3	74.7		76.7	9	76.7	76.7	•	76.7	-	77.3	77.3	77.3
0008 AI		44.7	67.3	76.0	82.0	82.7	•			200	84.0	84.0			84.7	
		45.3	68.0	76.7	2					84.7	+	. 4	3.	85.3	85,3	85.3
0009 AI		45.3	68.7	77.3	3	84.0	85.3	85.3	85.3	85.3	85.3	85.3	.0		86.0	86.0
		45.3	68.7	77.3	83.3	4.		5	5	85.3	5			.9		86.0
> 4500		46.0		78.0		84.7				.9	86.0			86.7		86.7
		46.0		78.0	84.0	84.7		86.0	86.0	86.0		86.0	. 9		86.7	86.7
3500		46.0		78.0		84.7	86.0			.9	. 9					86.7
		46.0		78.0		84.7	.9	86.0	. 9				86.7	86.7	86.7	
Y 2500		46.0		79.3	86.0	86.7	88.0		•		88.0	88.0	88.7	88.7	88.7	88.7
		48.0		82.7	6		:		-	-	-	-	92.0	92.0	92.0	92.0
N 1800		48.0		82.7		90.0		91.3	91.3		91.3	91.3	2.	92.0		92.0
		49.3	74.7	84.7	92.0	2.			*		4	*			*	94.7
1200		49.3	74.7	84.7		92.7	*	0.46	;	0.46		4	24.7	;	4.7	4.7
			74.7	85.3			95.3			3	3	3		96.0		
8		49.3	74.7	500	92.7	*	3		95.3		3	3		96.0	0.96	96.0
		49.3	74.7				3	5	5	3	3	3		9	.9	
N 78		49.3	74.7	86.0		94.7					•			7.96		96.7
		49.3	74.7	9	93.3			. 9	96.0						96.7	
95 AI		49.3	75.3	86.7	94.0	98.3		96.7	.0			96.7	97.3	97.3		97.3
		49.3	75.3		0.46					96.7			-		97.3	
300		49.3	75.3	87.3	4.7	96.0	97.3	97.3	-	97.3	97.3				98.0	98.7
		49.3	75.3	87.3	94.7		97.3	97.3		97.3	97.3				98.0	98.7
8		49.3	75.3	87.3	4.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	8	98.0	98.7	99.3
		49.3	75.3	87.3	94.7		97.3	97.3	97.3	97.3	97.3	97.3	98.0	98.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

HOURS (LS.T.)

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

CERTING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	S:						
(FEET)	VI 5	4	\$0 Al	VI AI	E AI	2 2%	2 41	71 72	¥1 ¥1	-	× AI	* 11	Z AI	≥ 5/16	N N	O AI
NO CEILING		31.3	40.7	4		48					50.	50.		50.		50.7
≥ 20000		38.7	49.3	58		59	4	0			62.	62.	62.	62.	4	
≥ 18000		38.7	49.3	58		59.3	0.09	60.7	60.7	62.0	62.	62.	62.	62.	-	62.0
≥ 16000		38.7	69.3	-	59.	59.	0		4		62.	62.	62.	62.	62.	62.0
N 14000		38.7	49.3	58.	59.	59.	è				62.	62.	62.	62.	•	62.0
> 12000		28.7	49.3	58	39.	59.		0			62.	62.	62.	62.	9	62.7
			55.	64.	.99	.99	9		67.3		68.	.89	68.	69	0	69.3
000			56.	6.8	9	-99	67.3			6	69	69.	69	70.	7	
1		50.7			78.			81.3	81.3	82.7	82.7	82.7	82.7	83.	3 83.3	83.3
> 7000			66.	76.	-	80.			4		84.	84.	84.	84.		
1			67.	78.	80.	82.	83.		84.	3	85.	85.	85.	86.		86.0
2000			67.	78.	80.	82.	83.		84.	85.3	85.	85.	85.	86.	86.	
1		52.7		78.	80.	82.	83.				85.	85.	85.	86.	86.	00
9004		82.7		78.	80.	82	8		84.	85.3	85	85.	85.	86.	86.	-
1		52.7		1		82.		3	85.	.9	86.	86.	86.	87.	87.	•
3000		52.7	68.7	19.	81.	83.	85.			1	87.	87.	87.	88		88.0
1		52.7		79.	82.	84.	86.			88.0	88.	88	•	88.		88.7
7 2000		53.		80	82.	84.	86.				88.	88.	88	89.		89.3
1		54.0	70.	80.	8	85.		88.0	88.0		89.	89.	89.	.06	3	90.0
1500		54.0	71.	8	85.	87.	89.		90.	2	92.	92.	92.	92.	92.	
		54.0	71.	82.	85.	87.	89.			92.0	92.	92.	92.	92.	92.	1 92.7
V 1000		54.0	71.	4	85.	87.	89.		91.	•	93.	93.	93.	94.		
		54.0	71.	82.	85.	87.	.06		92.	:	:		0	94.	7 94.7	104.7
08 AI		4	71.	82.	85.	87.	90.		92.		94.	94.	94.	95.		95.3
		54.7	72.0	8	86.	38.	91.		93.		96	96	0	96		1 96.7
8				83.	87.3		92.		94.	0	96	96.	96.	97.	97.	0
		55.3	72.7	8			92.		94.		96	96	96	97.	97.	3 97.3
84		55.3	72.7	8	88.0	90.	92.		94.	97.3	97.	97.	97.	98.	98	
300		56.0	73.		88.	91.3	0	96.0			98	8		6		d
1 200		56.0	73.	84.	80	2	94.	0	96.		6	0	99.1	00	100	
VI 85		56.0	73.3	84.0	89.3		94.	96.7	96	8.66	99.		99.3	100	100	0100.0
٨١		56.0	-	*	8	2	94.	3	96.		99.		99.3	g		100.0

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEITING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES	ES)						
(FEET)	5 1	9 11	2 5	4 1	K 4	≥ 2%	Al Al	¥1 Y	¥1 ¥	- 41	X Al	* 1	% Al	≥ 5/16	X N	0
40 CEILING		40.0	45.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
3007				•	52.0	•	_	•	22.0	52.0	•	22.		•	22.0	22.0
N 18000			50.7	52.0	52.0	52.0	52.0	58.0	52.0	52.0	52.0	52.	22.0	52.0	52.0	52.0
≥ 16000			50.7	•	52.0		•	32.0	52.0	52.0		52.	52.0		52.0	52.0
> 14000			50.7	•	92.0	\$2.0	52.0	52.0	52.0	52.0		52.	52.0	52.0	52.0	52.0
× 12000			54.0	55.3	55.3	•	55.3	55.3	55.3	55.3		55.	55.3	55.3	55.3	55.3
			58.7		0.09		:		60.0	60.0	•	60.		60.0	60.0	60.0
000		55.3	58.7	60.09	6	60.0	60.0	60.0		60.0	60.0	-09			0	
		61.3	65.3			8		68.0		68.0		0	68.0	80	68.0	68.0
700		62.0	66.0	68.7	68.7	68.7	68.7	68.7	68.7		68.7	.89	. •			68.7
		62.0	0.99	68.7		68.7			•	68.7	68.7		68.7		68.7	68.7
2000		69.7		69.3	69.3	69.3	69.3				69.3	69.3	69.3	69.3	69.3	69.3
1		62.7	66.7	69.3	69.3	69.3	69.3	69.3	0	69.3	69.3		69.3	69.3	69.3	E.69
4000		63.3	67.3	70.7	1	70.7	70.7			70.7	70.7		70.7	70.7		70.7
		64.0	-	72.0	72.0	72.0			72.0	72.0	72.0	72.0		1	72.0	72.0
3000		65.3		73.3		73.3	73.3		73.3	73.3	73.3			73.3	73.3	73.3
		68.0		76.7		_		76.7	76.7	76.7	76.7	76.7	16.7	1	76.7	76.7
7 200		76.7	83.	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3			87.3	87.3	87.3
V 1800		76.7	83.	87.3	87.3	87.3	87.3		87.3	87.3	87.3	Thinks		8	87.3	87.3
> 1500		80.0	88.		92.7	92.7	92.7		92.7	92.7	92.7				92.7	92.7
≥ 1200		81.3	Lane.		0.40	94.0	94.0		0.46	94.0	-	•	94.0	0.40	94.0	0.40
V 1000		83.3	92.	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	•		96.7	96.7	96.7
0%		83.3	92.		7.96		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
		84.0		97.3	97.3	97.3	97.3		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
		84.7	93.	98.0	98.7	98.7	98.7	98.7	4.86	98.7	98.7		98.7	98.7	98.7	98.7
8		84.7	93.	98.0		98.7	98.7		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
		85.3	-	96.7		99.3	666	99.3	99.3	99.3	•	60.3	66.3	99.3	99·3	99.3
N 400		86.0	Sec.	99.3	100.0	100.0	100.0	100.0	100.0	100.0	01	2	100.0	100.0	100.0	100.0
300			94.7	66.3	100.0	100.0	100.0	100.0		100.0	0	100	100.0	100.0	100.0	100.0
7 200		86.0	94.7	99.3	10001	100.0	100.0	100.0	100.0	100.0	100.0	2	100.0	100.0	100.0	100.0
81			4.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10000	100.0
0 4			94.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

HOURS (CS.T.)

RESH

CEILING VERSUS VISIBILITY JAN 68 5703

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

HING								-	VISI	VISIBILITY (STATUTE MILES)	TATUTE	WILES)										
	2	<b>4</b>	λi	•	<b>VI</b>	AI	1 2%		7	۲۱ ۲۷	۷۱ ۶۲		-	% Al	*	Al	2	≥ 5/16	٨١	*	AI .	
CEILING			35	w.	35.3	35.3	35.	8	15.3	35.3	35	3	15.3	35.3	35.	3 33		35.	20	5.3	35	100
20000			1	9	44.0	**	44.	9			•	9	4.0	46.0	66.	9	9	44.	10	0.4	*	9
18000			**	-	*	*	*	-	7.4	44.7	*	1	14.7	**	*	¥ +	-	:	+	1:	:	-
0009				-	44.		46.	1	1		46.	7	4.7	46.	44.	7 44		466	-	1.	*	7
14000		42.7	2.11		44.	**	**	1	F . 4	**	**	1	4.4		**	*		*	+	1:	*	-
12000					46.	46.	46.	7	10.7	.09	46.	1	16.7	46.7		46	. •	46.	7	6.7	99	-
10000		47.3	- 4			2	n		ò		5	0	20.0	50.0		*		50	*	0.0	30	0
0006				~	50.0	50.	50.	0		50.0	50	9		d	100	0 50		50.	0 5		50,	9
8000			-		96.0	56.	0 56.	0	0.9	36.0	*	0	56.0	56.0	56.	-	0	56.	Š	6.0	36	0
2000			- 40		56.7	56.	7 56.	-			•	7	.0			*		56.	7 5	5.7	56	7
0009			-			-	10000	-	10.1		6	-	16.7	56.7		.7 56	1.	56.	7 5	6.7	96	-
2000			3		57.3	57.3	57.	0	7.3		5	-	17.3			3 5		57.	5	7.3	57	
4500			1			2	58.	0			58.	0	18.0	58.0	116	0 51	0.1	58.	0 5	8.0	58	0
4000			100		58.7	-	7 58.	-	18.7	58.7	-	-	18.7	58.		7 58		58.	7 5		58	-
3500		56.0	09	0	60.7	.09	7 60.			60.7	9	7	50.7	60.7	9	.7 60	1.	60.	7 6	1.0	9	-
3000			10			68.	68.	0 6	8.		68	0	58.0		1.3	9 0	0.0	68.	9 0	8.0	68	0
2500					79.3	80.	00	0			•		80.7	80.7		7 80	F.	80.	7 8(	7.0	80	-
2000						0		8		86.7	80	7				7 86	-	86.	7 8	5.7	86	-
1800							87.				-			88.0	•	88 0				8.0	88	0
1500			-	10 100	92.7		10000				0	9			0	0 94	0.4	94.	60	6.0		9
1200			-	0		95.3	95.	<u>m</u>		96.0	96.	0	0.96	•	96	96 0		96.	0	0.9	96	0
000						0	. 96	6				0	38.0		0	•			6	8.0	86	9
8		85.3	6	•	97.3	98.	98.	0	6	99.3	66 6	9	99.3		•	66 E		66	66 E		6	M
8		3.		- 1		98.	0		6	7		2	86.6		0	•			6	6.9	66	-
902		85.3	92		97.3	_	98.	0	6.6		66 6	9	E-60		99.	•		66	M		8	101
8		85.3	92		97.3	6	₹ 98.	0		99.3	•	3	19.3		•	3 99		99.	6 1	9.3	66	-
900			92	0	97.1	98.	98.	-		100.0	100.	010	00.00	100.0	2	2	0.0	100	010	0.0	100	0
8			92	-	97.3	98.	. 98	710	0.0	100.0	9	-		100.0	100.	0100	0.0	.00	010	0.0	100	9
300		85.3	92		97.3	98	98	110	0.0	100.0	100	910	00.00	100.0	2	0100	0.0	00	<u>010</u>	0.0	001	Ö
8			92		97.3	98.	98.	710	0.0	100.0	9	010	0.00	100.0	100.	0100	0.0	.00	Ŏ O	0.0	100	9
8		85.3	92	0	97.3	96		50	0.0	100.0	-	010	0.00		2	0100	0	00	010	0.0	001	Ö
•		85.3	92		97.	98	98.	10		100.0	100	010	00.00	100.0	100.	010	0.0	90	0100	0.0	9	9

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

0

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LS.T.)

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CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
(FEET)	5 1	9 Al	\$	<b>1</b>	8	≥ 2%	K 2	۲ کا ۲	×1 ×	- -	% AI	*	Z Al	≥ 5/16	N N	0 11
NO CEILING		34.0	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
N 18000		48.7	53.3	54.0	54.0	54.0	54.0		54.0	54.0		54.0			:	54.0
N 16000			53.3		54.0	54.0	54.0	24.0	24.0	54.0	54.0	24.0	24.0	•		54.0
14000			53.3	34.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
		49.3	54.0	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
Y 10000			58.0	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
		-	58.0	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
0008			63.3	0.99	1.99	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
> 7000			0.49	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3		67.3	67.3	67.3
0009 4			64.0	66.7		1.		-	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 5000			64.7		68.0	68.0	68.0	68.0	•	1	68.0	68.0	. •	68.0	68.0	68.0
		59.3	65.3	68.0	68.7	68.7	68.7	8.	68.7	68.7	68.7	68.7	8	68.7		68.7
≥ 4000			66.0			-	6			1			69.3	69.3	69.3	
> 3500			67.3	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
			74.0	. 9				-	•	77.3	7	1:		77.3		77.3
> 2500			81.3	84.0	-		+	84.7	*	84.7	84.7	84.7			84.7	84.7
			86.7	0		92.0	92.0		•		2.	5.	92.0		92.0	92.0
V 1800			86.7	40.7	92.0	92.0	5	~	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
			89.3				95.3	3	3.	1	200	3		-	95.3	
Y 1200			89.3	0.76	3		95.3	95.3	'n	95.3	96.0	96.0	96.0	96.0	96.0	96.0
			91.3		97.3		8		8	12 mars 2				98.7	98.7	
00 Al			91.3	0.96					98.0	-	98.7		98.7		98.7	
			91.3		97.3			8	•	98.7	66.3	89.3		99.3	66.3	66.3
			91.3	0.96	97.3	0.86	98.0		98.0	7.86	66.3	66·3		866	E . 66	86.66
> 600			91.3		97.3	98.0		98.0	•	98.7	99.3	99.3	99.3	99.3	66.3	99.3
> 200			91.3	0.96	0.86	98.7		8.	98.7	900	100.0	100.001	0.001	100.0	100.00	0000
			91.3		. •	98.7	98.7		98.7	99.3	100.0	100.00	100.0	100.0	00.00	00.00
30			91.3		8.	98.7	98.7		98.7	8.66	100.0	100.0	0000	100.01	100.001	0000
Y 200			91.3	0.96			98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.001	100.03	00.0
VI 8			91.3	0.96	0.86	98.7	98.7			0.00	10000	100.0	0.0	10001	100.00	0000
			91.3	0.96	98.0	98.7	98.7	98.7	98.7	99.3	100.0	100.001	0.001	100.0	00.00	00.0

TOTAL NUMBER OF OBSERVATIONS

150

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

MIL

ОИТИ	11.5.1
•	HOURS (L.
	1

CEILING VERSUS VISIBILITY

CEILING							VISI	VISIBILITY (STA	(STATUTE MILES)	(5)						
(FEET)	VI 50	۸۱	S).	4	e vi	1 2%	2 1	VI 72.	VI Z	-	% Al	* 11	% Al	≥ 5/16	× AI	0 1
NO CEILING		34.7	36.	37.		- "		-0		2.0			2.0	37.		
VI VI 00081 00081			3.5	N 10						. 0			90	56.		
14000		52.7	54.	5.83		nœ								56.		
VI VI 0000 0006			61.	62.		20		3.6		35			35	62.		
V IV I		69.3	72.	74.		4.				3.			3.	75.		
0009 AI AI			76.	77.				80		. 0			.0	80.		
VI VI 4000		72.0	76.	78.		60		0 %		00			0.	80.		
3200		74.0	78.	80		29		2:		25			72	82.		
			88.	90.		6.2				02			00	92.		
		80.7	8 0	223		200		N + "		2 4 %			94.7	94.		
11 VI VI V		8 4 4 4	93.	3.5			88					000		6 6 6	96	986
			93.	96.		80 00	mm	66	m m	99.	99		00	99.3	66	
VIVI VIV			99.99	96.0	966	0 0 0 0 0 0 0 0	The second second second second	0000	0000	0000	0000			0000		2222
		86.1	60	96.		8 8	80	800	88	88	88	100		00		000

TOTAL NUMBER OF OBSERVATIONS

BRRR

0 11

% Al

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7 1%

7 7

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2 2%

M Al

Al

AI

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2

(FEET)

NO CEILING

VI VI 00081 00081

V IV 14000

VI VI 000 000 000

2000

AI AI

9000

ALAI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

VISIBILITY (STATUTE MILES)

Al ≥ 5/16 2 AI \*

0.06

70.7

2500

ALAI

1500

ALAI

3500

AI AI

4500

AI AI

72.0

1200

ALAI

88

AI AI

88

ALAI

88

ALAI

99.3 100.0100.0100.01

00.0100.0100.0100.0100.0100.01

NAVWEASERVCOM

80

88

ALAI

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CEILING VERSUS VISIBILITY

1200

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

				PERCEI	(FROM	FREQUE	UENC LY OB	Y OF	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	RRENC S)	w				HOURS	1
CEILING						100	NIS.	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	21	9 11	\$9 Al	<b>AI</b>	S AI	≥ 2%	IA.	¥1 Y	¥1 Y	<u>-</u>	% Al	* 1	Z AI	≥ 5/16	N N	AI
NO CEILING		37.0	43.9	0.0	47.5	47.0	\$7.8	47.8	47.8		47.9	47.9	48.0	48.0	48.0	48.0
0081 VIV			24.0	57.0	58.5	28.0	200	59.0	000	59.2	59.5	59.2	59.3	59.3	59.3	200
> 14000		45.9		57.0	58.0	58.7	59.0	59.1	59.1	59.3	100	59.3	59.3	59.3	59.3	59.3
× 12000		47.1	55.3	58.8	59.8	59.9	60.3	60.3			- 2	60.5	60.6	60.7	60.7	60.
VI VI 000 000 000		50.1	59.0	62.8	63.9	64.0	64.3	64.4	4.40	64.6	64.6	04.0	64.7	84.9	64.8	3:
		56.4	0.00	71.8	73.0	73.3	73.8	73.8	73.8	74.0	74.0	74.0	74.1	74.2	74.2	7
- 1		57.2	-	72.6	73.8	74.3	74.7	74.8	74.8	74.9	74.9	74.9	75.0	75.1	75.1	75.
0005 AI AI		57.0	4.0	73.3	74.5	4.50	75.4	75.5	75.5	75.7	73.7	75.7	75.8	75.8	75.8	75.8
		58.4	69.2	74.1	75.4	75.0	76.9	76.4	76.4	76.6	76.0	76.6	76.7	76.8	76.8	76.8
V 4000		59.1	69.8	74.8	76.3		77.3	77.3	77.3	77.5	77.5	77.5	77.6	77.7	77.7	77.7
3300		59.7	70.6	75.6	77.0		78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.5	78.5	78.9
		644.0	14.0	82.2	2000	86.7	81.0	81.2	85.2	81.3	81.2	200	9 4 4	200	200	
7000		68.2	80.9		88.7	89.2	80.0	80.0		000	90.1	90.00	90.2	900	000	
1800		4.99	81.2	87.1	88.9	4.68	1.06	90.2			90.3	90.3			90.5	8
- 1		70.2	83.9	90.3		92.8	93.5	93.7	93.7	93.8	93.8	93.8	93.9	94.0	94.0	94.0
VI V		70.0	84.7	91.1	93.2	93.7	94.3	94.0	94.5	94.7	94.8	8. 10	94.8	94.9	94.9	5
		13.0	86.5	92.0	000	0 20	2000	07.0	90	200	07.0	07.0	1	07.0	2010	97.0
8		72.1	86.7		•	96.1	0 1		24.0	07.10	7	97.8	97.0	01.0		0.4.0
92 1		72.3	86.9	93.8	96.0		97.6	97.8	97.8	98.3	98.3	98.3	98.4	98.5	98.5	98
009 AI		72.5	87.1					98.0	98.0	Sant.	98.5	98.5	98.6	98.7	98.7	98.7
8		72.6	87.3	94.2	90.96	97.3	98.3	98.5	98.5	98.9	0.66	99.0	99.1	99.2	99.2	99.2
		72.7	87.4	96.3	96.8	97.5	98.5	98.8	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4
88		72.8	87.5	94.3	97.0	97.0	98.8	0.00	0.66	99.4	99.5	90.00	90	200.7	99.1	:
		72.8	27.0	200	07.	01.0			000	00.00	000	000		000	000	200
1 1		72.8	87.5	94.5	97.1	97.6	98.0	99.	99.1	99.00	99.06	99.00	00	99.6		100-0

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) SEAUFORT, SOUTH CAROLINA

CEILING VERSUS VISIBILITY

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CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	2	% Al	S AI	A1	N AI	1 2%	2 2	VI 71	VI 24.	Ā	* 11	* 1	Z A	≥ 5/16	× Al	0 11
O CEILING		41.0	\$7.4	65.2	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
300		69.7	07.1	4	3	d	8		3	d	d	å	0	4	0	
18000		1.64	010	17.0	80.0	•	0		•	80.7	0	200		•	0	200
380		49.7	67.1	77.4	d	å	3		å	å	d	•		6	ò	
2 14000		10.1	67.1		- Country				80.7		0	80.7				
≥ 12000		49.7	67.7	78.1	80.7	0					1	81.3	81.3	81.3	1.	81.3
2 10000		51.6	69.7		82.6	82.6	83.2		83.2	83.2		83.2	83.2			
> 2000		51.6	69.7	80.0		82.6	83.2	83.2	3.	83.2		83.2	83.2	3.		83.2
		55.5	74.8		87.7	87.7	88.4		88.4	•		4.88	\$9.4	88.4	. •	
7000		55.5	74.8		88.4	88.4	89.0	89.0	89.0		89.0		89.0	89.0	89.0	
0009		56.1	76.1		89.7	89.7			0		0	0		0		
2 2000		56.1	76.1		90.3	90.3	91.0		91.0	:	91.0	-			-	
1		56.1	76.1	87.1	90.3		91.0	91.0	91.0	7.50	-	91.0	91.0	91.0	91.0	91.0
7 4000		56.8	76.8			:			91.6	91.6	-	-		-	-	
3500		37.4	77.4		•		2		2.	3	2.	2:		2.		
3000		57.4	77.4			2	93.6		93.6			3.				
2 2500		58.1	78.1	90.3	94.8	8.76	3		95.5	95.5	95.5	3	95.5		3.	
≥ 2000		58.1	78.7		95.5	95.5						1.96	96.1		1	96.1
2 1800		58.1	78.7		95.5	95.5	1.96	96.1		96.1		1 96	1.06	.9	1.96	
		58.1	80.0		98.1	98.1	98.7		98.7	98.7		98.7	98.7	98.7	98.7	98.7
2 1200		58.1	80.7	94.2	98.7	98.7	4.66		4.66	4.66	4.66	4.66	4.66		4.66	4.00
1000		58.1	80.7	94.2	98.7	98.7			4.66	4.66	0	4066	4.66	99.4	40.66	99.4
8 41		58.1	1.00	94.2	98.7	98.7	4.66	4.66	4.66	4.66	4.06	4:5	40.4	4.66	4.66	4.66
		50.1	80.7	94.2	98.7	98.7	4.66	99.4	99.4	4.66		4.66	99.4	99.4	99.4	99.4
		36.1	80.7	94.2	98.7	98.7	4.66		4.66	4.66	4.66	4.66	7.66	99.4	7.66	4000
> 600		58.1	80.7	94.2	98.7	98.7	99.4	4.66		4.66	99.4	4.66	4.66	99.4	99.4	4.66
200		58.1	80.7	94.8	4.66	4.66	2005	0.0	0000	.00			0	90	100,0	1000
		56.1	80.7	94.8	99.4	4.66		0	00.0	0	•	ò	0.0	100.0	8	100.0
300		58.1	80.7	94.8	40.6	4.66	100.001			.00	100.0	10000	0.	•	100.0	
		58.1	80.7	94.8	40.6	4.66	à	0.0	00.0			0	0.0	100.0	100.0	
81		58.1	80.7	8.10	400	4.06	100.001	100.001	100.001	100.0	100.0	100.0	0000	100.0	100.0	10001
		58.1	80.7	9.46	4.66	4.66		100.00	0.0		100.0	100.0	0000	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

HOURS (LS.T.)

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# CEILING VERSUS VISIBILITY

BEAUFDRI, SOUTH CAROLINA
PERCENTAGE FREQUENCY OF O

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	VI 5	۰ ۸۱	% AI	4	N AI	2 2%	N Al	۲۱ ۲۳	¥1 Y	- A1	% Al	*	X X	2 5/16	NI NI	O AI
CEILING		34.8	58.7	69.7	78.7	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0.0
3007		38.1	7		-	6	1	2	4	3	1	3		3	3	85.2
18000		38.1	62.6		83.2	83.2	84.5	3		85.2		'n		3		85.2
16000		38.1	-	73.6	83.2		-		85.2					3	3	85.2
14000		38.1	•	73.6	83.2			85.2	85.	85.2						85.2
12000		38.1			84.5	•	8 K . 8		*	86.5				9	. 9	86.5
10000		38.1	63.9		84.5	84.5			86.	86.5				86.3	;	86.3
0006		38.1			,				80	86.5			0		86.5	86.5
8000		40.7	67.7	78.7	88.4			90.3	.06	90.3						90.3
2000		41.3	68.4	13-24		69.0	90.3		0	91.0		91.0		-		91.0
0009		41.3		79.4	89.0			91.0	16	:					91.0	91.0
2000		61.3		79.4	9.	89.0		91.0	0	1.		1.		91.0		91.0
4500		41.3		19.4		:	90.3		91.			-		-	-	
4000		42.6	69.7	80.7	90.3	-		2	0		92.3	-	2.	2.	2.	92.3
3500				.0					.26	2			2.	92.3	2	92.3
3000				81.9	91.6			3	6		93.6					93.6
2500				3		94.2		96.1	0		96.1	96.1				1006
2000		0	72.3	3	9			8		8.		98.1		8.	8	98.1
0081		43.9		3.	96.1	•		8	8.1	98.1			7.	98.1	98.1	98.1
1500		44.5		86.5	7	1		4.66	9.4	100.0	100.0			100.0	0	0000
1200		44.5		86.5	97.4	97.4	98.7	4.66	*	0.0	0	0		100.0	100.0	0.00
1000		44.5	-		97.4			99.4	9.4	0000	00.00	0.0	00.00	100.0	100.0	000
8		44.3	-	86.5	97.4	97.4		4.66	4.6	0	0	0	100.0	100.0	100.0	0.00
008		44.5	72.9		97.4		98.7	4.66		000	00.00	0.0	00.0	0	100.0	00.0
92		44.8	72.9	86.5	97.4		-	4.66	*	0	0.00	0	1000	100.0	100.0	0.00
909				86.5	4.76	97.4		99.4		00.00	0	00.00	00	100.0	100.0	00.0
200		44.9		86.5	97.4	97.4	98.7	4.66	4.66	0.0	00.00	0.0	0	0	100.0	0.001
9		44.5	72.9		97.4	97.4	98.7	4.66	66	0.0	00.00	00.00	00.0	100.0	100.0	00.0
300		44.5	•	86.5	4.70	97.4	98.7		0	100.0	0	0.0	0.0	100.0	10000	0.001
38		44.3	_		4.76	4.4		4.66		100.0	0000	00.00	00.0	0	100.0	00.0
8		44.5	72.9	86.5	97.4	97.4	98.7	4.66	4.66		0.0	0.0	1000	100.0	10000	0.001
		44.9	_	0	97.4	97.4			4.66	100.0	9	00.0	O	100.0	100.0	00.00

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

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AI

Al

2 5/16

2 ٨I

\*

% AI

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7 7

7 7

AI

1 2%

N Al

٨I

N Al

٥ ٨١

2 Al

(FEET)

NO CEILING

> 20000

VI VI 00081 00081

54.8 57.4

56.1

69.0 69.0

73.6

73.6

71.6 72.9 72.9 72.9

29.0 49.7 60.0 69.0

67.1

64.5

65.8

56.1

73.6

82.6 82.6 82.6

95.6

81.3

19.4

78.1

33.6

AI AI

2000

ALAI

67.7 76.8

84.5 84.5 84.5

82.6 83.2 83.2

81.9

34.2 58.7 69.7 78.7

85.2

85.2

84.5

83.2

81.9

10.4

70.3

99.4

34.5

ALAI

79.4

70.3

80.0

84.5 85.2

83.2

80.7

71.6

37.4 62.6

35.5 60.7

3200

ALA

2000

AI AI

85.2

82.6

87.1

87.1

89.0

85.2 87.1 87.1 87.1 87.1 87.1

93.6

91.6 93.6

91.0 91.6

99.7

87.1

77.4

65.8

38.7

1800 1500

AI AI

1200

AI AI

5

89.7 86.5

88.4

76.1

92.3

96.1

96.1

96.1

1.96

95.5

93.6 95.5 96.1

96.1

1.96

1.96

94.2 92.9 94.2 94.2 95.5

92.9 94.2

91.6

88.4

78.7

39.4 67.1

88.4

91.0

88.4

67.1

39.4

88

AI AI

88

AI AI

89.0

79.4 78.7

93.6

96.1 96.

96.1

96.1

1.96 97.4 98.1

98.1

1.96

94.8 96.1

80.0

39.4 67.7

88

ALAI

39.4 67.7

88

92.9

94.2 95.5

79.4 89.0

39.4 67.7

96.1 97.4

TOTAL NUMBER OF OBSERVATIONS

96.8

95.5

92.9

39.4

80

ALAI

HOURS ( PS.T.)

RARR

# **CEILING VERSUS VISIBILITY**

10/

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CARDLINA.

CEILING							NISIA	VISIBILITY (STATUTE MILES)	ATUTE MILE	(\$:						
(FEET)	5	9	S AI	4	e Al	N 2 1/8	N S	VI %	VI 7.	<u></u>	% Al	* 11	N %	≥ 5/16	N N	AI
O CEILING		31.6	40.7	44.3	2.44	:		2.44	64.0		44	50.3	80.5	544.5	5.44	::
00081 41		35.5				50.3	50.3	50.3	0	50.3	50.3	50.3	50.3		50.3	51.
		35.5			3	4	3		0	8	•			50.3	50.3	210
7 14000		35.5	45.2	49.7	50.3	0			50.3	0				50.3	50.3	21:
		38.1	49.0		•	*		4	*				-	54.2		54.
N 10000		40.7	52.3	56.8	58.1	58.1	58.1	58.1	58.1					58.1	58.1	38.
		41.3		•	•		6		6	•			-	59.4	59.4	-09
		67.1	59.4	63.9	65.8					65.8		3		65.8	65.8	.99
7000		47.7	60.0	64.5	6.	66.5		66.5	66.5	6.	66.5		66.5	66.5		67.
		4.8.4		.5.		67.1	7.	7.	67.1	67.1		7.		67.1	67.1	_
2000		4.8.4	61.3	65.8				67.7	67.7	1	67.7		67.7	67.7	-	68.
		48.4	:	-	-						67.7	2				68.
4000		69.0		66.5		68.4	68.4	68.4	68.4	68.4	68.4		68.4	68.4	68.4	
			61.9	9						8.			4.89			69
3000		54.2	1	71.6	3	73.6		73.6	73.6		73.6	3.	73.6	73.6	73.6	74.
			76.1	-	83.2		83.2	83.2				83.2			83.2	83.
2000		69.0	83.2	88.4	0	0		90.3	90.3					6.06	90.3	91.
		69.0	83.2		0	0				0		0			90°3	
1500		- 020	87.1	92.9		94.8	94.8	94.8	94.8	94.8	94.8		94.8	94.8	94.8	95.
		72.3	87.7	*	96.1	96.1						.0		96.1		96
000		72.9	88.4	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	7.	97.4		97.4	98.
8		72.9	88.4		97.4	97.4		97.4	7.	97.4	97.4	97.4	97.4	97.4	97.4	98.
		73.6	89.7	96.1		98.7	98.7	98.7	98.7	98.7	98.7		98.7	98.7	98.7	99.
		-	90.3		4.66	.6		4.66		4.66	4.66		4.66	4.66	4	100
009		100	90.3	96.8	4.66		90.4	99.4	99.66	4.66	4.66		99.4	90.4	99.4	100.
98 4		73.6	90.3		4.66			4.66	4.66	4.66	4.66	4.66	4.66	4.66	*	100
		-	90.3	96.8	4.66		90.6		4.66		6	4.66	99.4	40.66		100
98		73.6	90.3	. 9	4.66		4.66	4.66	4.66	90.4			4.66	4.66	4.66	001
			90.3	96.8	4.66	99.4	90.66		99.4	99.4	4.66	4.66	4.66	99.4	99.4	100
8		73.6	90.3	96.8	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	90.4	4.66	99.4	100
		-			99.4			99.4	4.66	99.4	99.4	99.4	99.6	99.4	99.4	

0

0

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

NO CEILING

(FEET)

VI VI 00091 16000

VIVI 7000

63

VI VI 0004 0004

3300

17 IV

88

ALAI

88

ALAI

0

88

ALAI

1200

ALAI

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS TEST.

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TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

80

ALAI

88

ALAI

HOURS ( FS. T.)

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CARDLINA

CEILING							VISI	VISIBILITY (STATUTE	ATUTE MILES)	ES)						
(FEET)	2	۸۱	47 Al	VI 4	K A1	2 2%	2 A	VI 71	¥1 Y	-	% Al	*	X AI	≥ 5/16	N N	O AI
NO CEILING		30.3	*	36.1	37.	37.	-	-		-	37.		-	38.		38.
> 20000		45.8	-	4	50.	56.	3	9	d	4	56.		3	56.		56.
≥ 18000		45.8	-	54.8	56.	56.					56.		•	56.		56.
≥ 16000		45.8	-	. 4	56.	56.	3		9	9	56.		0	56.		56.
> 14000		45.8	2.	3.	56.	56.	•				56.			37.		57.
≥ 12000		46.5	2.	56.1	37.	57.		1			57.			58.		58.
≥ 10000		49.0	5.	8	•09	60.	0		0	0	60.			.09		60.
		49.0	5.		60.	60.		d	0	d	60.		0	•09		
0008 A			0.09		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	66.5	66.5	66.
N 1000			0		65.	65.	5	5	5	5	65.		3	66.		
0009 41			0	*	65.	65.	5.	5.	5.	5	65.		5.	67.		
2000		54.8	-	63.2	66.	66.		-			66.					
		55.5	-		67.	67.	7.	7.	7.	7.	67.		7.			
1 4000		56.1			68.	68				8	68.					
		56.1	2.		68	68	*			8	68		8			
3000		60.09	-		74.	74.		:			74.	74.8			-	
		The said	2		81.	82.	:	.:	2	2	82.		2.			83.5
N 2000		68.4		. 9	89.	89.			6	9.	89.		6		•	
V 1800		4.89	-	9	89.	89.			6	6	89.		6	.16	-	
> 1500		69.7	0		91.	92.	2		2.	2	92.		2	93.	-	93.
> 1200		69.7	0		.16	92.			3	2	92.	92.3	92.3			94.
1000		71.6	-	-	96.	97.	2		1	-	97.			66	=	100.0
8 AI		71.6	2	-	96.	97.		-	-	-	97.	97.4		4.66	100.0	100.0
		71.6			96.	97.	2	-	-		97.	97.4	8	4.66	00	100.
> 700		71.6	5		96.	97.		-			97.	97.4		4.66		100.
09 AI		•	-		96.	97	1		-	-	1	97.4	8	4.66	00	100.0
95 Al		71.6		91.6	96	97.		-	-		-	97.4		4.66	0000	100.0
		71.6	2	-	96.	97.	2	-	1		1	97.4		4.66	0000	
38		71.6	5	91.6	96.8	97.			97.4	97.4	-	97.4		4.66	100.0	100.0
			_	-	96.	97.	7.	-	97.4		-	97.4		99.4	0000	
8		71.6	5	91.6	96	G.	97.4		97.4	97.4		97.4	98.1	4.66	10000	100.0
		71.6	2.	-	96.	5	97.4		97.4		97.4	97.4	96.1		0000	

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH CAROLINA

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91. 95. 99.4100.0100.0100. 99.4100.0100.0100· 0 99.4100.0100.0100. 99.4100.0100.0100 99.4100.0100.0100 95.5 91.6 84.5 87.1 87.7 87 A 60.0 60.7 67.7 85.8 95.5 4.66 83.9 84.5 87.1 91.6 95.5 98.7 4.66 87.7 5/16 AI 85.2 85.2 86.5 91.0 94.8 87.1 98.1 2 ٨i 86.5 91.0 94.8 8.96 67.1 87.1 98.1 Al 83.2 86.5 91.0 8.46 96.8 4.66 8.46 98.1 86.5 86.5 87.1 4.66 98.7 98.7 ١٨ 85.2 83.2 83.9 87.1 91.0 8.96 4.66 0.09 4.66 4.66 48.4 8.46 98.1 98.7 7.86 ٨I VISIBILITY (STATUTE MILES) 83.2 86.5 83.9 8.46 67.1 83.2 85.2 91.0 94.8 96.8 1.86 86.5 87.1 4.66 98.7 4.66 67.1 7.86 99.4 7 AI \$ 56.5 86.5 86.5 87.1 87.1 87.1 0.09 0.09 94.8 0.09 91.0 85.2 96.8 98.7 99.4 78.7 83.2 83.2 98.1 98.7 ۲۱ چ 00.09 8.96 91.0 83.9 83.2 85.2 7.86 4.66 0.09 94.8 96.8 1.86 98.7 4.66 61.9 4.66 78.7 4.66 67.1 67.1 14 67.1 0.09 83.2 97.4 91.0 8.46 8.46 67.1 ٨I 83.2 83.9 60.09 0.09 85.2 87.1 97.4 91.0 94.8 98.1 98.7 80.0 85.2 86.5 94.8 83.2 98.1 98.7 95.5 98.7 96.1 11 60.0 83.9 92.9 93.5 95.8 82.6 85.2 69.0 6.26 48.4 67.1 AI 78.1 80.0 56.1 74.2 78.1 83.2 9.29 78.7 80.7 85.2 87.7 62.6 78.7 85.2 87.1 87.7 71.0 87.7 10 0.69 71.0 71.0 49.7 68.2 65.8 70.3 44.5 61.3 66.3 71.0 71.0 71.0 0.69 71.0 36.8 65.8 4.89 49.7 66.5 67.1 69.7 ٨I 2 NO CEILING 80 VI VI 00081 00081 1400 1700 1700 000 000 000 1800 (FEET) 2000 4500 3500 2000 1200 38 > 20000 5000 88 88 88 AI AI AI AI ALAI AI AI ALA AI AI AI AI AI AI ALA ALAI AI AI ALAI AI AI

TOTAL NUMBER OF OBSERVATIONS

155

22 HOURS (CS.T.)

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CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CAROLINA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	£S)						
(FEET)	۷۱ 5	9 AI	S AI	7.1	e Al	> 2%	7	۲۱ ۲۲	¥1 Y1	- AI	% AI	*	× AI	≥ 5/16	% Al	0 1
NO CEILING		49.7	54.8	0	61.9	-			-	61.9	-	-	-	-		61.9
≥ 20000		56.1	66.	72.3		76.2	74.2	74.2	76.2	74.2	74.2		. 4	74.	74.	76.2
≥ 18000		56.1		2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.	2 74.2	
≥ 16000		56.1	64.		74.2	74.2	74.2		74.2	74.2				74.	74.	-11
≥ 14000			64.				4.			74.2				74.	74.	
≥ 12000		56.3	66.	74.2	76.8	9	76.8		76.8	76.8					76.	
≥ 10000				77.4	•	.0	.0	0	.0	•	0				80.	
0006 <		58.7	69.7		80.7		80.7	- 10			9	0			7 80.7	80.7
> 8000		64.5	78.1	86.5		6		89.0	89.0	89.0	89.0	89.0	89.0		89.	
≥ 7000		-	79.4	87.7	91.0	1.				1.	-	-		1	91.	0
		65.8	79.4	87.7	•	1.	-				-	-		-	1:	0
> 2000		65.8	79.4	88.4	91.6			-						91.	91.	•
		65.8	79.4	6		2		92.3			2.	2.			2.	0
4000			79.4	89.0		92.3	92.3		92.3		92.3			92.	0	92.3
			79.4	6	92.3	223					2.	2.				92.3
3000		67.1	81.3		94.2		94.2	94.2				94.2	94.2	94.	2 94.2	94.2
≥ 2500		68.4	83.2	93.6	96.8	96.8	8.96		96.8	•		8.96	96.8		8 96.8	96.8
× 2000		68.4	83.9		97.4	97.4	97.4		97.4	1				97.	97.4	97.4
≥ 1800		68.4		*	4.74	97.4		97.4	97.4	97.4	4.76	97.4	97.4			97.4
		68.4	83.9	94.8	98.7	98.7	98.7	98.7		98.7			98.7	98.	7 98.7	98.7
> 1200		68.4	83.	94.8	98.7	7.86	98.7			98.7	98.7	98.7	98.7	98.	7 98.7	98.7
N 1000		69.0	84.	95.5	4.66	99.4	90.0	4.66	99.4	4.66			4.66	99.	1 99.4	99.4
006 AI		69.0	84.	95.5	4.66	4.66	4.66		4.66	4.66	4.66	4.66	4.66	99.	4 99.4	1.00
		69.0	84.	3.	4.66	99.4	4.66	40.6		4.66			100.0	0	0100.0	100.0
		69.0	84.		4.66	4.66				4.66			00.00	.00	10	100.0
009		69.0	84.		4.00	4.66	0	4.66		4.66		-				100.0
		69.0	8	98.8	4.66		4.66	4.66		4.66	4.66	4.66		.00	0100.0	1
1 400		69.0	84.		4.66	4.66	4.66	4.66	0	4.66		4.66	0.0	0	100.	
		69.0	84.	3.	4.66	4.66	4.66	4.66	6	4.66		4.66	100.0	.00	10	10
> 200		69.0	84.		4.66	4.66	4.66	4.66	4.66	4.66		4.66			00.	
901		0.69	84.	95.5	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	100.0	0	10	100.0
٥		69.0	84.		99.4		90.6	99.4			4.66	99.4		0		

TOTAL NUMBER OF OBSERVATIONS

The state of the s

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LET.)

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							-	-								
CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	2	۸I	V)	4	ε Al	≥ 2%	2 4	¥11 ×	¥1 Y	- AI	% Al	* 1	Z AI	≥ 5/16	× Al	0 11
NO CEILING		33.3	44.3	6		2		3	3		3	3	3	3	3	53.3
N 20000		40.9	54.1	0	-				64.5			9449			;	64.8
≥ 18000		40.9		60.6			9.99	64.5			. 4		94.49		84.8	64.8
≥ 16000		40.9	54.1	0		0.40	•		64.5	64.6	:	;		64.8	+	64.8
> 14000		40.9	54.3	0							+	. 4	. 4	. 4		
> 12000			56.0	62.4			4.99	-					;		66.7	
			58.		8	6	6	6	6	6	6	6	6	6	6	
0006		64.1	58.9	65.6		4.69	60.8	320	69.8							70.2
1		40.5	68			2	1	9	9		3		.0	1	1	77.1
141		50.2	66.1					77.8	77.8						78.2	78.3
1		50.5	-		1	-			8	8	8		8		8	78.7
2000		80.7	6.99			8		78.7	78.7		8		78.9		79.1	79.2
		50.7		74.3	78.2	78.5	78.9		79.0	79.2	79.2		6	79.4	79.4	79.5
900 1 A I		51.5	67.		79.1	6			0		0	.0	0	0	80.4	80.5
			1	3	79.4	6	6	0	80.2	ò	0		0	0	0	80.8
3000		54.2														84.0
		-	75.7			.6	6		6	6	6	6	89.8	0		90.2
1 2000				87.8		2			93.5		3		-	*		94.0
1800				87.8				93.5		-			-	*	:	94.0
> 1500		61.5	-	89.8							;				96.8	96.9
				.0	5.	.0	.9	. 9	96.9	97.2	7.		1.	7.	97.5	97.6
× 1000			81.5	91.1	96.5	7.	-		8	8.	8			. 8	98.8	98.9
0% AI		62.3	81.5	91.1	5.96	97.2	7.76	8.	98.1		8			98.7	98.8	98.9
		62.5	81.9	:		7.		98.6	98.6	•		6	99.1	99.4	99.4	99.3
		62.5	81.9	91.5	97.0			8.		•	6		0	4.66	99.5	99.66
9 AI		62.5	81.9	91.5	97.1	7			8.				0	99.5	99.0	99.1
		62.5	81.9	91.6	97.2	97.9				•			0	99.6	4.66	99.8
N 400		62.5	81.9	91.6	97.2	7.			8	•	6			99.6	99.7	
300		62.5	81.9	9116	97.2	•	98.6	0.66	0.66	8.66	99.3	66.3	4.66	99.7	8.66	
1 20		62.5	81.9	91.6	97.2	-	98.6	6		99.3	6			99.7	99.8	100.0
8		62.8	81.9	91.6	97.2	97.9	98.6			99.3			4.66	40.4	8.00	0000
		62.5	81.9	91.6	97.2	•	8		6	99.3	6			99.7	99.8	100.0

NAVWEASERVCOM

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CARDLINA

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2 4	9 11	8 41	4	e Al	Y 21/4	2 2	۲۱ کا	%1 Z	- AI	% AI	* 11	% A	≥ 5/16	X Al	0 11
NO CEILING		39.4	61.3	69.7	71.0	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
			65.8	14.8	•	16.0	1704	4	***	1				*	***	
VI VI 0008 0008 0008		41.9	500	74.8	10.0	70.0	77.5	***	***			1		11.		
> 14000			65.8	74.8		76.8	77.6	77.4	77.6	77.4	77.4	77.4	77.	77.4	77.4	77.6
≥ 12000		41.3	65.8	74.8	76.8	76.8	77.6	77.4	77.6	77.4	77.4	77.4	77.4	77.4	77.4	77.
V 10000		41.9	66.5	75.5	77.4	77.4	78.1	76.1	78.1	78.1	78.1	78.1	70.1	78.1	78.1	70.1
000	7/4	61.9	66.5	73.5	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
0008 ₹		47.7	75.5	86.5	88.4	88.4	89.0	89.0	89.0	89.0	0.68	89.0	0.68	89.0	89.0	89.0
		17.7	75.5	87.1	89.0	89.0	89.7				89.7	89.7	89.7	•		89.7
0009		47.7	75.5	87.1	89.0	Control of	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	69.7
		17.7	75.5	87.1	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	99.7	89.7	89.7	89.7
¥ 4500		47.7	75.5	87.1	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.1
		47.7	75.5	87.1	89.0	89.7	90.3	90.3	90.3	90.3	90.3		90.3	90.3	90.3	90.3
3300		47:7	75.5	87.1	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
		40.4	700	89.0	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
> 2500		40.0		89.7	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
		49.0	0	90.3	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
N 1800		49.0		90.3	92.9	93.6	94.2	94.2	94.2	94.2	94.2	2.46	94.2	94.2	2.46	94.2
- 1		50.3	80.7	93.6	96.1	96.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1200		51.0	81.3	94.2	90.0	4.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
		51.0	81.9	94.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
8		51.0	81.9	9.10	97.4	98.1	4.66	4.00	4.00	4.00	4.66	***	4.66	4.66	4.66	***
		-	81.9	94.8	97.4	98.1	90.4		99.4	99.4	99.4	99.4	99.4	99.4	1066	99.4
N 78		51.0	81.9	94.8	97.4	98.1	4.66	4.66	4.66	1.66	***	4.66	4.66	99.4	4:5	***
		51.0	81.9	94.8	97.4	98.1	90.6	4.06	99.4	99.4	99.4	99.4	90.4	99.4	99.4	99.4
98		51.0	81.9	9.4.6	97.4	98.1	4.66	4.00	4.00	4.66	40.4	3:1	***	4.66	3:5	***
		51.0	81.9	94.8	97.4	98.1	99.4	4.06	99.4	99.4	99.4	2.1	***	99.4	99.4	***
8 Al		51.0	81.9	9.10	98.1	98.7	10000	0	100.00	100.0	100.0	10000	100.0	100.0	10000	100.0
		51.0	81.9	91.8	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8		91.0	81.9	94.8	98.1	98.7	100.0	100.0	100.00	100.0	100.0	100,0	100.0	100.0	100.0	100.0
		51.0	91.9	94.8	98.1	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (1.8.T.)

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10   10   10   10   10   10   10   10	BILING						VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
31.0 48.4 64.5 69.0 69.0 69.0 70.3 70.3 71.6 71.6 71.6 71.6 71.6 71.6 71.6 71.6	FEET)				100			1		- AI	1		1000		1	0 11
31.6 50.3 66.5 71.6 71.6 71.6 72.9 72.9 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8	CEILING	31.0								-	-	-		71.6	-	71.6
31.6 50.3 66.8 71.6 71.6 71.6 72.9 72.9 72.9 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8	3	31.6	3	9	4	1	4		4			3		74.8		76.8
31.6 50.3 66.5 71.6 71.6 71.6 72.9 72.9 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8	18000	31.6		;	71.6		-			74.8	:	:		;	;	74.8
31.6 50.3 66.5 71.6 71.6 71.6 72.9 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8	0000	31.6			71.6		-			74.8		:				74.8
31.6 50.3 66.5 71.6 71.6 71.6 72.9 72.9 74.8 74.8 74.8 74.8 74.8 74.8 74.8 74.8	14000	31.6		;	71.6		-			74.8	;	:		;	74.8	74.8
22.3 51.0 67.1 72.3 72.3 72.3 72.4 73.6 73.6 73.9 73.9 73.9 73.9 73.9 73.9 73.9 73.9	12000	31.6			-					74.8		;		;	74.8	74.8
34.8 54.8 72.9 72.7 72.3 72.2 72.0 72.0 72.0 72.0 72.0 72.0 72.0	10000	32.3		7.	2.		2.					3		3		-
34.8 54.8 72.9 78.7 78.7 78.7 80.0 80.0 81.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9	0006	2000		1.	7			e. •			75.5			5		
34.8 55.5 73.6 79.4 79.4 80.0 80.0 81.9 81.9 81.9 81.9 81.9 81.9 81.9 81.9	8000	100000		2	78.7			0		-	-	-	-	-	-	
34.8 55.5 73.6 79.4 79.4 79.4 80.7 80.7 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6	2000	The state of			78.7		78.7	6		-	:	-	-	:		
35.5 56.1 74.2 80.7 80.7 80.7 80.7 82.6 82.6 82.6 82.6 82.9 82.9 82.9 82.9 82.9 82.9 82.9 82.9	0009					79.4	79.4	ó		2.	2	2.		2.	2	
35.5 56.1 74.2 60.7 80.7 80.7 81.9 81.9 83.9 83.9 83.9 83.9 83.9 83.9 83.9 83	2000					79.4	79.4	0			2	2		2	2	
35.5 56.1 74.2 60.7 80.7 80.7 81.9 81.9 83.9 83.9 83.9 83.9 83.9 83.9 83.9 83	4500	35.5			80.7	0	ċ	-		-		6	3	3		
35.8 36.8 77.4 63.9 81.3 81.3 82.6 82.6 84.5 84.5 84.5 84.5 84.5 84.5 84.5 84.3 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1	4000				80.7	0		-			3			-		
36.8 38.7 77.4 83.9 83.9 83.9 85.2 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1	3500	35.5			-	-	:	2		:	-	-			-	
38.7 60.7 79.4 85.8 85.8 87.1 87.1 89.0 89.0 89.0 89.0 89.0 89.0 89.0 89.0	3000	36.8				-	-			-	-	-		-	-	
40.0 61.9 81.3 87.7 87.7 89.0 90.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92	2500	38.7	0			3		-		6	6	6		6	6	
40.0 61.9 81.3 87.7 87.7 89.0 90.3 90.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92	2000	40.0	-	-	-	-				2	3	2		2	2	
40.0         62.6         83.2         89.7         89.7         91.0         92.3         94.2 <td< td=""><td>1800</td><td>40.0</td><td>-</td><td>:</td><td>7.</td><td>-</td><td></td><td>0</td><td></td><td>2.</td><td>3:</td><td>2.</td><td></td><td>2.</td><td>2</td><td>N</td></td<>	1800	40.0	-	:	7.	-		0		2.	3:	2.		2.	2	N
40.0       62.6       83.2       89.7       89.7       91.0       92.3       92.6       93.6       95.5       94.2       93.6       93.6       93.6       93.6       93.6       93.8       95.3	1500	40.0	2.			6	-	2			;	;				
40.0         63.2         84.5         91.0         91.0         92.3         93.6         95.5 <td< td=""><td>1200</td><td>40.0</td><td>2.</td><td>3</td><td>.6</td><td>6</td><td>:</td><td>2.</td><td></td><td>:</td><td></td><td>:</td><td></td><td>:</td><td>;</td><td></td></td<>	1200	40.0	2.	3	.6	6	:	2.		:		:		:	;	
40.0       63.2       84.5       91.0       91.0       92.3       93.6       95.5	000	40.0			-	-	2.			5	:	3				
40.0 63.2 84.5 91.0 91.0 92.3 93.6 93.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5	98	40.0		;	-	1:	2.	3.		5	3	3		3	5	
40.0 63.2 84.5 91.0 91.0 92.3 93.6 93.6 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95	900	40.0		;	:	-	2							3.	5	
40.0 63.2 84.5 91.0 91.0 92.9 94.8 94.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96	200		3.		1:	1:	2.	3.		3.	3	3		3.	3.	
40.0 63.2 84.5 91.0 91.6 92.9 94.8 94.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96	909		3		-	-	2					:		3	5	
40.0 63.2 84.5 91.0 91.6 92.9 94.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96	200				1.	:	2.				;				;	
40.0 63.9 85.2 92.3 92.9 94.2 96.1 96.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98	400				-	-	2.							;		
40.0 63.9 85.8 92.9 93.6 94.8 96.8 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98	300				2.	2.	.,	6.		8.			98.1	:		98.1
40.0 63.9 85.8 92.9 93.6 94.8 96.8 96.8 98.4 99.4 99.4 99.4 99.4 100.010	300				2.	3							96.7			
40.0 63.9 85.8 92.9 93.6 94.8 96.8 96.8 99.4 99.4 99.4 99.4 99.4 99.4100.010	8	40.0			3	•	:			10000	8		98.7		4.66	4.66
	•	-	•		2.	9	:	6		_		4.66	4.66	4.66		100.0

TOTAL NUMBER OF OBSERVATIONS

HOURS (LS.T.)

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TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

# **CEILING VERSUS VISIBILITY**

2	
RRE	<u>S</u>
$\frac{1}{2}$	<u>S</u>
0	X
<b>0</b> ≻	3SER
ENC	ō
EQU	(FROM HOURLY OBSERVATIONS
FR	오
AGE	¥0
EN	(FR
PERCENTAGE FREQUENCY OF OCCURRENCY	
_	

BEAUFORT, SOUTH CAROLINA

CEILING							VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	(ES)						
(FEET)	2 1	٥ ٨١	8	4	e Al	≥ 2%	2	×1 ×	71 \	Ã	* 1	* AI	N %	≥ 5/16	VI VI	٨١
NO CEILING		25.2	39.4	0.64	52.9	56.1	59.4	60.0	60.0	60.7	66.5	66.5	61.3	61.3	61.3	61.
≥ 18000			42.				5		96	67.	67.	0		67.		67.
N 16000			42.	4	8	•	3		66.	9	67.	0	-	67.		67.
≥ 14000								66.5	99	67.	67.	•		67.	67.7	67.
≥ 12000		-	43.	4	0	3	3		67.	68.	68.	•	6	69	69.7	69.
N 10000			43.		0		;		67.	•		0		69	69.7	69
				. 9		3.			67.	•		9	6	69.	69.7	
> 8000			50.	63.2	4.89	72.3				-	1	7.	78.7	78.	78.7	78.
			51.	•	6	-	9	•	77.	78.	78.	78.	6	79.	•	-
0009 4			51.		69.7				78.	-		-	0	80.	:	•
> 5000			-		-		8		79.	00	80.	80.	-	81.	•	80
			52.	65.8		74.8	8.		19.	80.	80.	80.	81.		81,3	
× 4000			52.		-	5.	78.7		80.	80.	80.	80.	81.	81.	•	8
					72.3				80.	8	81.	0	82.	82.		•
≥ 3000			54.	4.89	74.2	8			82.	83.	83.	63.	84.	84.		80
			54.	69.7	78.5		82.6		83.	85.	85.	93.	86.	86.	86.5	86.
≥ 2000			54.		73.5	6			83.	8	85.	83.	86.	86.	•	8
			54.		75.5	6	2.		83.	85.	85.	85.	86.	86.	86.5	86.
1500			54.		76.1	0			84.	85.	85.	85.	87.	87.	87.1	
					76.8	80.7	83.9		85.	90	86.	86.	87.	87.	87.7	87.
0001			56.	:	78.1	2	:		88.	89.	89.	89.	91.	91.	•	•
				72.9	79.4		7.	90.3	.06	91.	91.	916	2.	6	2 .	92.
8					80.0		88.4	-	91.	92.	92.	92.		93.	93.6	0
			2		80.7	5	6	1.	.16	0	92.	6		94.	:	. 76
8		34.8	-	74.2	80.7	3		-	91.	92.	92.	0	;	94.	:	
			58.		81.3		0	2	.26	94.	. 46	76		95.	95.5	6
> 400		34.8	-51	74.2	81.3	.0	90.3		93.	94.	0		9	0	•	96.
> 300		-		74.8	81.9	7.	91.0	94.8	6	96.1	.96	96	97.4	0	97.4	97.
		35.5	59.4	76.1	83.2		92.3	_	96.1	-	97	97.4	98.7			
8		35.5	39.4	76.1	83.5	4.88	92.3	1.96	96.1	97.4	97.4	97.4	98.7	98.7	40.6	100
		35.5	59.4	76.1	83.2	88.4	9203	96.1	196		97.6	27.0	78.7	98.7	99.6	100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

HOURS (C.S.T.)

(FEET)							•	VISIBILITY (STATUTE MILES)	AIOIE MIL	ES						
	2	AI	AI	4	N AI	2 2%	2 41	%1 Y	¥1 ¥1	-	% Al	* 11	VI %	2 5/16	V VI	0 1
NO CEILING		27.7	35.5	35.5		36.8	36.8	30.8	36.8	36.8	36.8	36.8	w 4	36.8	36.8	36.8
					42.0	-		9		4	9	127	43	2	9 6	43.2
1 4 1000			-			•	•. •				-	43	43	43	• •	43.2
V 14000			42.			6	43.9					43.	43.	43.	10	43.9
12000			43								5	45.	45.	45.	45.2	45.2
			45.			2		7.		7.	7.	47.	47.	47.	7.	
0006 AI			45.			7.		1	7	1	1.	47.	47.	47.	2	
			52.	53.6		4.	54.8					94.	54.	54.	•	54.8
> 7000			. 95		*	5	5.	3	3	8	3	55.	55.	55.	2	
			52.	•		5.	2	3	3		5	55.	35	55.	5	
2000			53.	54.8					.0			56.	56.	56.		
		43.2	53.	54.8	5	.0				.0	6.	•95	56.	56.	.0	56.1
141			54.			-	-	-	-		1	57.	57.	57.	7.	
			WHY.				58.1	58.1			8	58.	58.	58.	8	
300		47.1	57.	0	0		:	1.		-	1:	61.	61.	61.	-	
			.69	-		2.	3.	3	-	3		73.	73.	73.		
2000					•	-		8	8		8	78.	78.	78.		
		61.9	73.	•	-	8		8	8		8	78.	78.	78.	8.	78.7
V 1500		67.7	81.					1	1.	1.	7.	87.	87.	87.	1:	
		68.4	82.	. 9		8.	.6	6	•		6	89.	89.	89.	6	89.0
V 1000		69.0	84.		-	-	2.	2.	2.	5	3	92.	92.	92.	5.	
0%		70.3									;	94.	94.	94.	;	94.2
8 Al		70.3	87.	2	*	10		96.1			•	96.	96.	96.	9	
		70.3		2	*	.0				.9	1.	97.	97.	97.	7.	
000		71.0		*		-		98.1	8	8		98.	98.	98.	8	
		71.0		\$		8.	7.86	98.7			6	66	. 56	66	6	
7 400		71.0			96.8			4.66		4.66	100.0	100.	100	10000	100.0	100.0
88		71.0	88.4	8.46	-	98.7		4.66	6		100.0	100	100.0	100	•	100.0
		71.0		*	•			4.66		4.66	100.0	1000		9	1000	
8		71.0		:		98.7	4.66	4.66	4.66	4.66	100.0	100	100	1000	100.0	100.0
		71.0	2.2	94.8	96.8		4.66	4.66	4.66	4.66	100.0	100.0	100.0	100.0	100.0	100.0

CEILING VERSUS VISIBILITY JAN 68

TOTAL NUMBER OF OBSERVATIONS

SEAUFORT, SOUTH CAROLINA

w w	
E FREQUENCY OF OCCURRENCE	(SNC)
OF OC	FROM HOURLY OBSERVATIONS
ENCY	Y OBSI
FREGL	HOURL
ERCENTAGE	(FROM
PERC	

CEILING							VISIV	VISIBILITY (STATUTE	ATUTE MILES)	(\$3						
(FEET)	5 1	AI	AI	1	AI AI	12 2%	1 N	×1 ×	VI 71	Ā	N N	* Al	× Al	2 5/16	AI N	AI .
NO CEILING		21.3	22.		9			6	23.2		23.	23.	23.2	23.	23.	23.
2 20000			35.	3	9	9	3	9		-	36.	36.	30.	36.	36.	-
N 18000		34.2	35.		36.1						36.	36.	36.	36.	36.	m
2 16000			35.	3	9	9			36.1	.0	36.	36.	36.	36.	36.	
14000		34.2	35.	3	9	9		0			36.	36.	36.	36.	36.	~
> 12000		35.5	37.		38.1	38.1		38.1	38		38.	38.	38.	38.		1 38.
		-	39.	0	6	6	6	0		6	40.	*0	40	40.	40	*
900		37.4	39.4	39.4								40.	40	40.	*04	*
1					47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	1.7.7	47.	7 47.	7 47.
≥ 7000		45.2	47.	48.4			0			6		.64	.64	49.	49.	•
0009 3		43.2	47.	48.4							*64	*64	49.	*6*	49.	•
2000			47.	48.4	49.0						49.	49.	49.	49.		
≥ 4500			47.	48.4	49.0						49.	49.	.64	49.	49.	49.
4000			48.	49.0							49.	*6*	.64	*64	49.	•
> 3500		45.8	48.	49.	49.7	49.7		49.7			49.	*	49.7	*6	40.	40.
1		50.3	54.	54.		3		3		3	55.	-		55.		55.
2 2500		63.9	69	70.		-	71.0		71.0		71.	1	71.	71.	71.	0 71.
1			80.	81.	2.	2	2.	2				82.	82.	82.	82.	0
V 1800		74.2	80.	20	82.6		2					82.	82.	82.	-	
		_	90.	92.	3.	3.	94.8	5	94.8			46	95.	95.	95.	6
1200			91.	93.	*	*	95.5			95.5		95		96	1 96.	1 96.
≥ 1000		82.6	92.	99.	0	9	1	•		-		0	8			0
006			92.	96			90		98.1			98.	98.	-		4 98.
800			92.	96.		4	98.1	•	98.1			0	•		7 98.	98.
			92.	96	7.	8	90.4		4.66	6		.66	100.	100	100	0100
99		83.2	92.	96.8			4.66	4.66	4.66	0		.66	.00	100.	100.	10
			92.	96.	4.76			4.66	4.66	90.66		.66	1001	100.	00	
> 400		83.2	92.	96.	97.4	8.	4.66	.6	99.4	0		0	00	100.	100	-
> 300		83.2	.26	•	97.4	8	4.66	4.66	4.66	4.66	99.4	0		1001		0100
1		3.	92.	0	4.76	00	90.4		_	0	99.4	0	00	100.	00	_
8			65.6		97.4	98.1	4.66	4.66	4.66	4.66	99.4	99.4	00	100.	00	0100
		83.2	92.	96.			90.4	4.66		1000	99.6			9		100.

TOTAL NUMBER OF OBSERVATIONS

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### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

HOURS (LS.T.)

CEILING							VISII	BILITY (ST.	VISIBILITY (STATUTE MILES)	S S						
(FEET)	5	9 11	٠ <b>د</b>	4	e Al	2 2%	2 Al	¥1 ¥	71 71	-	* 41	*	Z IA	≥ 5/16	AI X	0 11
40 CEILING		34.8	37.4	39.4								39.4		39.	39.	39.4
≥ 20000		43.9	47.1	49.0	9.	49.0	49.0		49.0			49.0	49.0	49.	49.	
		43.0	47.1							•		0.64		.64	49.	
00091 ₹		63.9	47.1				40.0					49.0		49.	49.	*
		43.0	47.1								49.0	49.0		49.	49.	49.0
> 12000		47.1	51.0				:				2	52.9		52.	52.	-
		42.9	86.8				8							58.	38.	
000		52.9	56.8	58.7	58,7	58.7	58.7		58.7		58.7	58.7		5	56.	58.7
		39.4	67.1		0	6					6			69.	69.	0
700		60.7	68.4	70.3	70.3	0				6	0	0		70.	70.	
		60.7	68.4	-	-	71.0	71.0	71.0		71.0	71.0	71.0	71.0	-	-	2
0005		60.7	68.4	-		-	-		71.0		-	-	:	71.	71.	300
		60.7	4.89	71.0	71.0	-	-				-	-	-	71.	71.	-
400		61.9	69.7	2	•		2				2	72.3	5	72.	72.	7
		61.9	70.3				2	72.9	72.9		2.	72.9	72.9	2.	72.	-
3000		66.5	74.8	77.4	77.4		.:				-	77.4	17.4	-	77.	-
		74.2	82.6	85.8	85.8		85.8		86.5	86.5	86.5	86.5	86.5	86.5	200	86.5
7 2000		78.1	86.5	89.7	89.7	6			90.3	90.3	0	90.3	90.3	0	90.	
			86.5	89.7	89.7			90.3		0	0	90.3	90.3	0	90.	
200			89.7		92.9	92.9	92.9		93.6		93.6	93.6	93.6	93.6	93.	93.6
		80.0	89.7	92.9	93.6	93.6	3	2.46		94.2		2.46	94.2	+	6	94.2
0001 ~1		81.3	91.0								98.7	98.7	96.7	98.7		98.7
98 1		81.3	91.0	8.46	4.16	97.4	97.4		98.7		98.7	98.7	98.7	98.7		98.7
		81.3	•		98.1			99.4	4.66		99.4	99.4	99.4	99.4	99.4	99.4
		81.3	91.0	95.5	1.86			4.66	4.66		4.66	4.66	99.4	99.4	4.66	4.66
009		81.3	91.0	95.5	98.1		98.1	99.4	4.66	4.66	99.4	99.4	99.4	99.4	99.4	99.4
98		81.3	91.0		1.86	1.86		99.4	4.66	4.66	4.66	****	4.66	99.4	**66	99.4
		81.3	91.0	95.5	98.1	98.1	98.1	4.66	4.66	-	99.4	4.66	99.4	99.4	99.4	99.4
38		81.3	91.0	95.5	1.86	98.1	1.86	99.4	99.4	0000	100.0	100.0	100.0	100.0	100.0	100.0
		81.3	91.0	95.5	98.1	98.1		99.4	99.4	0	100.0	0	100.0	0	100	100.0
8		81.3	91.0	95.5	1.86	_	98.1	4.66		•	0	100.0	100.0		-	100.0
		81.3	91.0	95.5	98.1	98.1	98.1	4.66	99.4	0000	100.0	100.0	100.0	100.0	100.0	100.0

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TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

0

HOURS (LS.T.)

-

400

155

TOTAL NUMBER OF OBSERVATIONS

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) REAUFORT, SOUTH CAROLINA

CEILING									ATUTE MIL							-	
	VI 0	9 11	10	1	10	2 2%	122	71 7	71 2	~	X Al	*	1 % N	≥ 5/16	٧١ ٧		14 0
NO CEILING		39.4	41.3	43.2	43.2	43.2	43.2	43.2	43.2	43.2	.64	43.	.64	2 43.	2 43	+ 2	3.2
2 2000		50.3	36.2		56.8	56.8	56.B	\$6.8	9	56.8	56.	56.	36.	56.	8 56	2	6.8
N 18000			54.2	56.1	56.8	56.8	56.8	\$6.8	56.8	56.8	56.	8 56.8	*	56.	8 56		
N 16000		50.3	54.2		86.8			-		56.6		56.	1 56.8	56.	8	8	6.8
> 14000			54.2		56.8	56.8	56.8		56.8	56.8	56.	2	56.8	56.	8 56		
2 12000			56.1	58.7	59.4			59.4	39.4	59.4		59.4	39.4	. 59.	4 59	4	9.4
V 10000		54.2	58.1		61.9	61.9				61.9		9	•	61.	9 61	9	
0006 ~			58.1	61.3	61.9	61.9	61.9	61.9	61.9	61.9			61.9	61.	9 61		1.9
			70.3		74.8		74.8		74.8	74.8	1000	1		1 74.		8 7	
2 7000		64.5	73.6	77.4	78.1	78.1		78.1	78.1	78.1	78.1	78.1	78.1	78.	1 78	-	8.1
		-	74.8	78.7	79.4						79.	79.			4 79.	4	9.6
2000		67.1	76.8	80.7	81.3	81.3	81.3		81.3		81.	81.	81.3	8	3 81	(0)	
			1	80.7	81.9	S. Carlotte		81.9		81.9	8	8		81.		0	
1 4000				81.3	2	82.6	82.6				82.	82.	-	82.	6 82	9	2.6
					82.6	2.	2		82.6	2.	82.	82.	82.	8	6 82		
3000				85.2		86.5	86.8	86.5	86.5	86.5		86.	•	0	5 86	8	6.9
> 2500		72.9			1000		:	-		100	91.	91.	•	12.		0	
					3.		94.2	94.2	94.2	4.	94.2		0.0	94.	2 94	2	4.2
V 1800			-		93.6		:		94.2	94.2	94.	. 76	0	94.	2 94	2	4.2
				-		95.5	96.1		96.1	96.1	96	0	96.	96.	1 96	6	96.1
Y 1200				91.6	94.8	95.5	96.1		96.1	96.1		1 96.1	96.1	96	1 96	6 1	6.1
					96.1	9			98.7	98.7	98.7			98.	7 98	7	
8				92.9	96.1	96.8		7.86	1.86			98.7	98.7		1 98	0	8.1
				•	96.1	9	98.7	98.7	98.7	98.7	98.7	98.7		98.	7 98	1 9	1.1
N 78				92.9	96.1	96.8	98.7	98.7	7.86	99.4	99.4	4.66	99.4	. 66	66 7	0 4	4.6
		-			96.8	97.4	90.6	4.66	90.4	100.0	9	100.0	1000.0	1100.	0100	010	00.00
98 AI		73.6		92.9	96.8	97.4	4.66	4.66	*	100.0	2	10	-	.00	0010	010	00.00
				92.9	96.8	97.4	99.4	4.66		.00	9	100.0	100.0	100.	0100	-	0.0
8		73.6	85.2			97.4	4.66	4.66	4.66	100.0	2	100.0	100.0	100.	0100	010	0000
		-	-	2	90.96	97.4		4.66	4.66	100.0	100.0	9	100.0	00	0100	910	0000
8		73.6		92.9	90.96	97.4	4.66	4.66	4.66	100.0	100.0	100.0	100	100	0100	910	0.0
		73.6	85.2	2	96.8	97.4	99.4	4.66	96.4	100.0	100.0	100.0	1000	100.	0010	0010	0.0

0

0

BEAUFORT, SOUTH CAROLINA

2 ٨١

(FEET)

NO CEILING > 20000

VI VI 00081 00081

12000

2000

9000

ALAI

4500

ALAI

3500

AI AI

2000

ALAI

1500

1200

88

88

88

AI AI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MRRR

0 Al 93.6 8.96 98.7 98.1 A 96.8 91.6 96.8 93.6 98.1 98.1 98. 2 5/16 Al \*100.0100.0100.0100.0100.0100.01 85.2 ٨١ 91.6 93.6 1.86 98.7 X N 71.0 0.69 91.6 8.96 0.69 83.2 85.2 98.1 85.2 93.6 98.7 84.5 93.6 93.6 96.8 7.86 84.5 98.1 ٨I VISIBILITY (STATUTE MILES) 89.0 91.6 93.6 85.2 96.8 85.2 1.86 84.5 84.5 96.8 7.86 ¥1 × 91.6 93.6 1.86 7 7 71.0 93.6 84.5 916 93.6 7.86 98.1 98.1 AI 91.0 2 2% 82.6 91.0 83.9 70.3 83.2 83.9 84.5 84.5 88.4 92.9 6.26 4.16 97.4 96.1 1.86 84.5 98.1 ۳ ۸۱ 6119 82.6 80.08 60.3 81.9 82.6 90.3 ٨١ 64.5 6 75.5 75.5 79.4 75.5 75.5 81.3 81.3 75.5 75.5 83.9 83.9 83.9 83.9 83.9 83.9 1 63.9 4.84 48.4 61.9 61.9 63.9 58.1 61.9 63.6 49.7 49.7 58.1 58.1 58.1 58.1 58.1 4

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

80

ALAI

88

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

...

N   N   N   N   N   N   N   N   N   N		00000188100000000000000000000000000000	VI # # # # # # # # # # # # # # # # # # #	V	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	VI W M W W W W W W W W W W W W W W W W W	59.2	VI 30	51.2	V %	N 5/16	× 4 81.3	0 41
A CEILING  NO CEIL	ONF. P. GO G M - NIN O C	000000000000000000000000000000000000000	######################################	00000000000000000000000000000000000000	00000000	PROGENOOD			-0000	51.	51.	51.	2 2		
N   N   N   N   N   N   N   N   N   N	H-H0000m-NN0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	N N N N P O O O O O O O	חיווים ססס חחות	000000000	0000000			0000	-	•	9	2		51.
N   N   N   N   N   N   N   N   N   N		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	בררסססס-מחחה	00-044	000000	**********		600	59.	27.	27.	H	ı	59.
NI NINI NINI NINI NINI NINI NINI NINI	No 000 m - NNO	~~~~~~~~~~~	80 4 N A 4 5 4 5 -	0000-nnn	0-044	400000	44444444		6	59.	59.	99.	n		59.
N   N   N   N   N   N   N   N   N   N	= 000m-Nno	*************	00000000	-0000 - nnn	-0+4	0 1000	* * * * * * * * * * * * * * * * * * *		•	59.	59.	59.	3		59.
N	000m-Nn0		40000000	0000 - NANA	0	1000	43434		•	59.	59.	. 88.	2		
	946-449	44045440	NN44540-	0000-000	*****	000	33 33 33		9	60.	60.	61.	9		61.
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	0	5.5	3.	.9	7.3	7	88.5			88.	88.	89.	•		8
		8.6			1.5	2		-		93.	93.	93.	93.		93.
	.5	6.8	8.	-	1.9	0			•	93.	93.	94.	94.		:
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	-	1.0	.0	93.5	4.3					96.	9	97.	6		97.
	1.	6.0	0	3	4.8	-				97.	97.	97.	97.		97.
		0.5	.0		5.2	.5			-	97.	97.	98.	98.		
	~	9.0		;	3.4	8			-	98.	98.	98.	98.		98.
98	9	9.0	1.		5.7	1.	1.			98.	~		98.		:
≥ 400		9.0	:		5.9	6				98.	•	8	98.		8
300	w	1.0	91.3	95.1	6.3		98.6		99.1	66	•		99.		:
		8.0	-		6.9	6				99.	-		0		:
81 VI	4.29	8.0	:	95.3	6.5	0				6		66	0	8.66	6
0 1	62.4	8	-		6.5	6	-			6	0	99.1	•	•	00

TOTAL NUMBER OF OBSERVATIONS

(3)

150

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY JAN 68 5703

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

-

							VISIA	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
(FEET)	2	Al	80 41	AI AI	S AI	12%	1 A	VI %	VI ¾L	- 41	× AI	*	Z AI	2 5/16	N AI	O AI
NO CEILING		-	54.0			*	*	**		100	**	**		46	**	64.7
VI VI 00061 00061			000	67.3	72.0	72.0			20			20		72.	20	72.0
1400		*	000	67.3		72.0	72.0	200	72.0	72.	2 0	72.0		72.	72.0	72.0
9000 0000 0000			60.7	69.3	74.0					7:		* *		1:		74.0
VIVI 7000 7000		44.9		76.0	00	00	00	00	00	80.	00	ON		80.	00	
9000 AI AI		48.0		76.7	22	200		22	~~	82.	22	200		82.	200	
V 1 V 1		48.0	90			200	NE	20		82.	20			82.	35	• •
3000		48.0		7.3			mi	60	m .	83.	ë 0	m 0		83.	60	-
		50.0	72.0			90.7	90.0	90.7	90.7	80	90.7	900	9000	90.7	90.7	
VI VI 88 80 80 80 80 80 80 80 80 80 80 80 80		::	74.7		90	è è		om.	om.	96	5.			*	5.	-01
VI VI 000 000 000 000 000 000 000 000 000 0		52.0			* 5	* 50	*	: 0		96.	· .	: 6		96	: 0	00
			76.0			6 0				97.	·				000	000
8 8		52.7	76.0	88.7	97.3	::		::	::	98.						
8 8 8 8		52.7	76.0	88.7	97.3			97.3	-:-					99.	99.3	
200		52.7	76.0	88.7	97.3	97.3						98.7		00	99.	99.3
80		52.7	76.0	88.7	97.3	97.3	97.3	97.3	97.3	98.7	98.7	98.7		10	100.0	100.0

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### CEILING VERSUS VISIBILITY

SEAUFORT, SOUTH CAROLINA

NO CEILING

(FEET)

VI VI 0008 0008 0008

N N 1400

8000 7000

AI AI

2000

ALAI

4500

ALAI

3000

ALA

0

2000

ALAI

1800

ALAI

1200

ALAL

88

ALAI

88

ALAI

9 9

ALAI

88

MIAIA

80

ALAI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0 Al 1 Al 96.0 ≥ 5/16 22 1A Al % N 80.0 96.0 AI VISIBILITY (STATUTE MILES) 84.0 80.0 89.3 80.0 86.0 71 80.0 86.0 7 12 80.0 ۸I Y 2% 90.0 86.0 80.7 76.7 ۸I Al 31.3 52.7 31.3 54.0 34.7 58.7 V) 27.702.42 28.7 32.0 34.0 30.7 ۰ ۸۱ 2

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VISI	VISIBILITY (STATUTE MILES	ATUTE MIL	ES)	,					
(FEET)	2	9 Al	\$ 4	VI.	e Al	2 2%	K 7	×1 ×	×1 ×	71	% Al	*	Z Al	₹ 5/16	% Al	0 4
NO CEILING			26.	34.7	38.7	44.0	46.0					49.3	49.	49.	49.	49.3
> 20000			30.	39.3		49.3	51.3	53.3	53.3	54.7	41.4	55.3	35	55.	56.0	56.0
≥ 18000							51.3			*		55.3	35.	55.	56.	56.0
≥ 16000			30.		44.0		51.3		53.3			55.3	55	55.	56.	56.0
≥ 14000							51.3	3.				55,3	55.	55.	56.	56.0
≥ 12000			32.			0	52.7		54.7			56.7	56.	56.	57.	57.3
≥ 10000			32.		46.0	2.	54.7		.0			58.7	58.	58.	39.	59.3
		18.7		•		2.	54.7		0	8			58.	58.	59.	59.3
0008 4		26.0	41.3	51.3	96.0	62.7		68.0	68.0	69.3	70.0	70.0	70.0	70.0	70.7	70.7
			4				66.7			0			71.	71.	72.	72.0
		26.7	-	52.7			•	6		0			71.	71.	72.	72.0
> 2000			100	52.7		4	66.7					71.3	7.	71.	-	72.0
		26.7	- 5	52.7	57.3	*							71.	71.	72.	72.0
> 4000		26.7	34	53.3			68.0	0	0	2.			72.	72.	-	73.3
> 3500		27.3	**			5.		-		2.	73.3		73.	73.	74.	74.0
		30.0	47.	57.3						.9	76.7		76.	76.	77.	77.3
> 2500		30.0		•		0	ë	•	.0	-			-	78.	-	79.3
5		30.0	47.			-			8	0			81.	81.	82.	82.0
1800		30.0	47.		2.	1.	*	78.7	8	0	80.7		81.	81.	82.	82.0
-		30.7	48.	8		3.		0	0	2.			83.	83.	84.	84.0
N 1200		30.7	48.	58.7			77.3	2.	2.	3.			84.	84.		85.3
			.64	6		. 9	•	+	. 4	. 9			87.	87.	88.	88.7
8 AI		30.7	49.							. 9			87.	87.	88.	88.7
		31.3	50.0	1.		0			8				90.	90.		92.0
700		31.3	90.0	•	68.7	.0	3	88.0					90.	.06	91.	92.0
		31.3	50.0	:		0		8.	8	6			90	90.		92.0
900		31.3	50.0	1.		0	*		9.	-			0	2	0	94.0
		31.3	51.3	62.7		2.	5		0	2.			0	*		95.3
88		31.3	51.3	63.3		3.	•			0.46	94.7				96	98.0
		31.3	52.0	64.0	72.7	84.7	88.0	93.3	-	95.3			96.7	-	-	99.3
8		31.3	52.0	64.0	72.7	84.7		93.3	93.3	95.3	96.0	96.0		0	97.3	100.0
			52.0	4	72.7	84.7	88.0	3							7.3	100.0

0 0

0 0

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BEAUFORT, SOUTH, CAROLINA

66.7 66. 88.0 88. 0 Al 99.3100.0100.0100.0100.0100.0100.0100. 99.3100.d100.d100.d100.d100.d100.d100 26.0 45.0 56.0 55.3 58.7 73.3 90.0 4006 93.3 73.3 84.7 ۸۱ 96.0 88.0 45.0 54.0 56.0 73.3 93.3 45.0 58.7 66.7 55.3 56.0 73.3 40.4 58.0 90.0 60.7 2 5/16 90.0 22 1A 56.0 58.7 66.7 73.3 88.0 ٨١ 88.0 56.0 90.0 73.3 90.7 66.7 60.7 % Al 54.0 58.0 73.3 54.0 55.3 56.0 56.0 58.7 66.7 88.0 88.0 0.06 90.7 96.0 73.3 93.3 92.0 98.7 60.7 ۸۱ VISIBILITY (STATUTE MILES) 24.0 55.3 56.0 96.0 93.3 96.0 45.0 45.0 73.3 58.7 400 60.7 66.7 66.7 7 56.0 56.0 0.88 55.3 58.7 93.3 90.09 90.09 0.96 45.0 90.7 7 7 24.0 66.7 86.0 87.3 88.0 56.0 73.3 45.0 55.3 56.0 89.3 91.3 92.7 58.7 73.3 7.06 60.7 ۸I 88.0 89.3 1 2% 58.7 91.3 60.7 84.0 ۳ ۸۱ 70.0 53.3 78.7 85.3 56.7 64.7 70.0 0.94 86.0 54.0 80.0 84.7 4 43.3 52.7 78.0 48.7 59.3 62.0 75.3 64.7 41.3 50.7 50.7 50.7 VI VI 41.3 53.3 53.3 34.7 40.0 0.49 64.7 61.3 41.3 64.7 30.7 64.7 64.7 34.7 ۸۱ 2 AI NO CEILING 2000 80 VI VI 00081 00081 2000 4500 3200 1500 88 88 88 (FEET) V 1V 12000 2000 1200 88 ALAI AI AI AIAI AI AI AI AI AI AI AI AI ALAI ALAI ALAI ALAI ALAI

OTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

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30.

CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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(FEET)

NO CEILING

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VI VI 000 000 000

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30.7 40.7 AI 40.4 2 5/16 Al 40.7 \* 39.3 39.3 39.3 30.7 Al 0.40 0.49 40.7 42.7 ۸۱ VISIBILITY (STATUTE MILES) 40.0 40.7 32.7 40.7 40.7 7 39.3 39.3 40.7 40.7 VI 52 40.7 ۸I 30.7 \*0 1 2% 40.0 40.7 26.7 28.7 30.0 30.7 30.0 30.7 M Al 30.0 32.0 0.04 VI 59.3 39.3 40.0 30.0 34.0 37.3 28.7 36.7 N 0.09 36.0 36.0 34.0 25.7

TOTAL NUMBER OF OBSERVATIONS

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

REAUFORT, SOUTH CAROLINA

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		-	$\dashv$	_	_		_	-	-		_	_	-	_		_		_	-	_	-	_	-	_	+		-		-	_	+		4
0		2		0								0		0				0		0				0		0				0		0 0	,
Ž			8	8	8	14000	8	10000	8	8	7000	9009	8	4500	8	3500	8	2500	8	90	8	200	8	8	2	8	3	8	4	8	2	80	
CEILING	<b>E</b>	NO CEILING	7 2000	≥ 18000	=	-	=					Total I			-																		
0		19	۸I	ΛI	۸I	AI	۸I	AI	۸I	٨I	۸I	٨I	۸I	٨I	۸I	۸I	۸I	Al	۸I	ΑI	^1	٨I	۸I	AI.	<b>N</b>	٨I	۸I	AI	^	AL	^"	AI A	"
		_		4	_	_	_	_			_		_		_									_	_			_		_		_	

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIN	VISIBILITY (STATUTE	NTUTE MILES)	S						
(FEET)	2	۸۱	\$0 A1	VI	Al	≥ 2%	2 AI	N 1%	71 71		% Al	* AI	× Al	≥ 5/16	% Al	٨١
NO CEILING			40.0	40	40.7	41.3		41.3		41.3	41.3	41.3	41.3	4 8	41.3	41.3
00081 41		0.0	53.3		20.0	36.7	56.7		56.7		56.7			56.		
2001						3-		5	0			-	01	500		
1200														58.		
N 1000					-	2		2.	2.			2.	N	62.		
		-			2	2	3	2	3	-		2	0	62.		62.1
000 41 A		56.7		69.		2 .	•	2 4				20	NA	72.		72.0
1		58.7			10	9	:	:	4					14:		74.0
9005							:							7		74.
1						3		5				3	-	75.		
N 4000						.0	3						0	76.		
> 3500		61.3			2				.0					76.		76.7
1					0	-	-	-	-			-	-	81.		
> 2500		69.3			3		:	:	;			;		84.		
1		65.3		•	3		3	5	5			3	0	86.		86.0
1800					;		:	3						86.		86.7
1			-		9	2			8		•		0	90.		900
1200		67.3				0	à	i.	÷.			i.	m v	93		93.3
1		200			4	20							0 0	9		000
8						4							-	97		97.3
					2	4	-		6				0	98		98.0
009 3					2.	4						2	0	98.		98.7
005 ₹					2		9.	7.	1.			8.7	0000	100	0.	0001
					2	4		1.	2			8.1	00.0	100.		1000
88		68.0			2			-	-		•	-	0	90	0	100
		•	•		2.		3	:	-	•	•		00.00	100	9	000
8			•	•	•		•	:	:				0	90		0001
		•	•		2	3	3	6.16		•	100	100	9	9	000	000

0 0 0

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CEILING VERSUS VISIBILITY JAN 68

TOTAL NUMBER OF OBSERVATIONS

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### CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

CEITING							VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	ES)							
(FEET)	2	٥ ٨١	87	AI AI	e Al	2 2%	N N	×1 ×	¥1 VI	- AI	AI	*	AI X	2 5/16	AI AI	AI	
NO CEILING		40.7	50.0	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.	56.	96		0.0
2007		67.3		6	90	90	+	1	90	1	90	•	00		ā	I	3
18000		48.0	57.3	64.0	65.3	65.3	65.3	65.3	•	65.3	65.3	65.3	69.3		3 65	M	5.3
2000		48.0	-		65.	3	•	2	65	65.3		65.3	5			3 6	5.3
N 14000		48.0		64.0	65.3	65.3		65.3	•	65.3	65.3	65.3	65.1		3 65	3 6	5.3
≥ 12000		48.7	58.0		0	66.7	56.7		66.	66.7		66.	66.		7 66	7	6.7
≥ 10000		49.3	59.3	66.7	68.0	68.0	68.0		68.	2210		68.7	68.7			10	6.7
		50.0	60.0	67.3	8	8	68.7	68.7	9	69.3	69.3	69.3	69.3	69	69 E	3 6	9.3
0008 ~			68.0	76.7	78.0	78.0		78.0	78.		78.7	78.7	78.7	78.		7 7	8.7
		-	69.3	78.7		0			80.	80.7	80.	Book	80.	80.	-	7 80	0.7
0009 ~			70.0	79.3		80.7		80.7	8		81.3	81.3	81.3	81.	18 €	3 8	1.3
> 2000		57.3		80.0	8	2.			82.	82.7	82.7	62.7	82.7	1 82.	7 82.		2.7
		57.3			0				.28		82.7	10000	82.7	82.	7 82.	7 8	2 . 7
7 4000		57.3		0	82.	82.0			82.	82.7	82.7	82.7	82.7		7 82	7 82	2.7
> 3500		58.7		81.3	83.3		3		8			. 48		8	98 0	9 0	4.0
> 3000		59.3		82.0		84.			84.	84.7	84.7	•	84.	8	7 84		
> 2500		62.0		85.3	87.3	87.3		87.3	80	88.0		•	in	•	0 88	0 8	8.0
≥ 2000		63.3		89.3	-	-	•		91.			92.	92.	0		0 9	2.0
N 1800		63.3		89.3	91.3	91.3	91.3	-	.16	92.0	92.0	92.	92.	6		6 0	2.0
		64.0		90.7	93.3	-		•	93.	94.0		94.	. 76	0		0	
N 1200		64.0		•	95.	95.3	98.3	95.3	95.3	96.0		8			96 0		6.0
		0.49		93.3	0		96.7		96.	1:	97.	97.	97.	0		•	7.3
8 AI		64.0		94.0	0	-	97.3	-	•	98.0	98.	98.	98.	0	0	0	0.0
		64.0			97.3	1:	97.3	2	97.	8	0	98.	98.	0	98 0	0	9.0
700		64.0		94.7	98.0				•	98.7		98.	98	0	7 98	7	
009		64.0		94.7		8		8	98.	98.7	98.7	8		0	7 98.	1 91	8.1
005 ~		64.0		94.7	98.0			98.0	*86		98.7	98.7	1.86	.86	1 98	7 9	1.1
		0.40		94.7	98.0	98.			98.	99.3	99.3		99.3	0	66 E		
300		64.0		94.7	98.0	.86	•	98.7		99.3	66.3	66.3	99.3		3 99.	56 E	9.3
		64.0		94.7	98.0	8			98.7	99.3	99.3	0	99.3	0	66 E	6 E	. 3
81		64.0		94.7		•		99.3	66.3	100.0	1	10		100.	0100	0100	0.0
٥		64.0		94.7	98.0	98.0	98.7	99.3	99.3	100.0	100.0	100.0	100.0	100	0100	9100	9.0

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TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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		60	-	1	1	m	60	-	ON	-	-01	N	651	0	0		-	A	0	N	-	-	50	N	M	04	200	*	0	70	JOI 1		0
	0	45.	1000	54.	54.	94.	1000	57.	57.	99	67.	69	. 99	69	70.	70.0		79.	84.	84.	89.	91.	94.	95.	96.	96	97.	98	99.	6	99.		00
	7	5.	53.9			•	55.2	57.5		4.99	1.	68.1			6		+	6	3		6	1.	;	5			1:	8			66.3		99.6
	91/9	5.7			4.1	4.2	5.1	7.	1.	6.9	7.4	9.0	8.8	8.8	9.8	**0	4.5	4.6	3.8	4.0	4.6	1.8	4.6	6.4	0.9	6.5	7.1	8.2	8.8	8.9	9.1	6.9	4.6
	AI %	.7 4		.1 5	.1 5		1.1 5	*			*	000			. 8	*	.5	*		0.	*	8	9.	•	0		-	.2		0.	-		
	Al	*	8 53	•	8	~	~	~	-	•	•	•	0	9	•	-	-	1	8	8	•	6	0	0	0	0	0	6	•	•	0	6	0
	*	45.	53.	54.	54.	54.		57.				68.						79.				91.			95.					96		6	99.
	% Al	5.		+	4.	54.2		57.4			-	68.0		8	6	0		6		3.	6	1.		;	3	•	•	7.				99.0	0
(53)	-		53.8	54.0	54.0	;	55.0				7	67.9	8		6				3		6	91.3	:	;	5				8			98.8	
TUTE MILI	7 7	5.			3		4.	7.	-		-	67.7		8.	9.	0		8	3.	3.	8	0		;	3	3	9	. 9		-		97.9	
VISIBILITY (STATUTE MILES)	۲۱ ×	45.5	4	53.6	53.8	53.9		57.1				67.7						8		3.			3.		5				-		7.	97.9	-
VISI	2 4		53.3	-	53.6	3.		56.8	7	5.	9	67.3	8	8	6	8.69	3.	8.	2.	2.		0	2.	3				5		.0	.0	96.8	9
	≥ 2%	*	52.8		53.0		54.0	6.	.0		0	66.7	-	-	8	6		-	-	2	-	89.3	2.	2	3				95.1			95.5	3
	e Al			2.		2.	3.	55.3	5		3			.9	1:	1.	-			0	3	87.5		0	•	-	-		2		2.	95.8	2.
	4	41.8	49.1		49.3	4.64	50.2	52.1		4.09	-		•	3	3.	4.		2.		. 9		N		;				-		9		86.3	9
	8 41	37.3	43.8	44.1	44.1	1.44	44.5	46.1	40.4	53.6		55.1							67.3	67.4	71.8	72.8	74.7	74.9	75.1	•	73.3		75.4		•	73.5	
	9	28.5	36.1	34.3	34.3	34.3	34.7	36.0	36.3	42.3	43.1	43.4	43.8	43.8	44.4	44.9	47.8	90.06			56.4	56.9	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
	01 2																																
CEILING	(FEET)	NO CEILING	> 20000	18000	00091 ₹	14000	12000	00001		9000		9009			7000	3500			2000		1500		1000		8		9	900		300		8	1
- 5		2	۸I	Al	۸I	٨١	۸I	٨١	۸I	٨١	۸I	٨١	۸I	Al	AI	٨١	٨١	٨١	۸I	Al	٨١	Al	٨١	٨١	٨١	Al	AI	Al	٨١	Al	٨١	Al	^'

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

69

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BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	N 0	<b>9</b> AI	85	VI	es Al	Y 2%	7	71 71	71 71	- -	% Al	*	Z Al	≥ 5/16	AI 3	٨١
NO CEILING		52.3	0.69	71.6	73.6	74.2			76.	77.4	77.4	77.4	77.4	77.	77.4	77.4
Z0000		59.5	+	75.5	77.4		0	80.7	80.	81.9	4	-	-	81.	81.9	81.9
18000		55.5	72.3	75.3	77.4	78.1	80.0	80.7	80.7	81.9	-	-	81.9	81.9	81.9	81.9
			72.3	75.5	77.4	•	0		80.	81.9	-	81.9	81.9	81.9		81.9
N 14000			72.3	75.5	77.4		0	80.7	80.	81.9	-	81.9	81.9	81.9	81.9	81.9
≥ 12000		56.1	72.9	76.8	78.7	•	•		8	83.2	3.	83.2	83.2	83.2	83.2	83.2
N 10000		58.7	78.5	79.4	81.3	1.	3.		8		5.	85.8	85.8	85.8	85.8	85.8
		59.4		80.7	82.6	83.2		85.8	85.8	87.1	1	87.1	67.1	2	87.1	87.1
0008 ~		62.6	80.7	85.2	87.1	87.7	89.7	80.3	.06	1000	91.6	1.		916	916	91.6
> 7000		62.6	80.7	85.2	87.1		6		0		-	-	91.6	91.	91.6	91.6
		62.6	80.7	85.2	87.1		. 6		.06	:	1.	1:		91.		9116
> 2000		62.6	80.7	85.2	87.1	7.	6	0	90.			:	91.6	91.	91.6	91.6
		62.6	•	85.2	87.1	87.7		€ 06	90.3	-	1.	91.6		6	9116	91.6
× 4000		62.6	•	85.8	87.7	88.4	90.3		91.		2.	2.	2.	92.		92.3
		62.6	81.3	85.8	87.7			-	16	2	2.	2.		92.	92.3	92.3
3000		63.2	•	86.5	88.4		91.0		0		2.	2.	2.	92.		
> 2500		64.5	•	87.7	89.7		2.		.26		. 4	. 4	94.2	. +6		94.2
		64.5	•	87.7		0	92.3	2.	92.	4	4.					94.2
0081 ≤		64.5	83.2	87.7	89.7	90.3	2.		0			•	94.2		94.2	94.2
		64.5	•	89.7	-	2.	94.2		0	•			96.1			96.1
		64.8	•	89.7	1:	2.	;		0	.9	;		96.1	;	96.1	96.1
V 1000		65.8	•	92.3	94.2		96.8			98.7	98.7	98.7				98.7
8 Al		65.8	85.		;	;			0	98.7	7.86		98.7		4.86	98.7
		66.3	86.	•		3.	7.		0	.6	0	400	99.4	466	99.4	99.4
		66.3	86.	92.9	94.8	5.	97.4		0	4.66	4.66	4.66	99.4	4.66	99.4	4.66
009 1		66.5	86.	92.9	94.8	3	7.			4.66	4.66	4.66	99.4	99.4	99.4	99.4
005 AI		66.9		93.6	95.5		98.1	98.7		0	100.0		100.0	100.0	100.0	100.0
		66.5	86.5	93.6	95.5		98.1	98.7				100.0	100.0	Control of	100.0	
300		66.3	36.5	93.6	95.5	96.1	98.1	98.7	98.7		100.0	100.0	100.0	100.0	10001	100.0
		66.5	86.5	93.6	95.5	96.1	98.1	98.7	98.7	100.0	100.0	100.0	100,0	100.0	100.0	100.0
VI 8		66.3	86.5	93.6	95.5	96.1	98.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
o Al		66.5	86.5	93.6	95.5	96.1	98.1	98.7			100.0	100.0	100.0	100.0	100.0	100.0

CEILING VERSUS VISIBILITY JAN 68

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

O.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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100 NOUNE (1.8.7.)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
(FEET)	71	۸I	N AI	4	N Al	> 2%	AI	۲۱ ۶	VI 71	Ā	% Al	*	N Z	≥ 5/16	% Al	N
NO CEILING		38.7	58.7	65.2	71.0	72.3	74.	76.8	76.8	78.7	79.4	6		6		90
> 20000		60.0	9	-	73.6	3	77.		3	81.3	1	-		2	2.	1
18000		40.0	-0	67.7	73.6		77.	10.4		81.3	-	-		2	5	84.
≥ 16000		40.0	61.3	67.7	73.6	74.8	1		79.4	81.3	-	-		2.	2.	84.
14000		40.0	61.3		73.6		77.	79.4	6	81.3	81.9	81.9		82.6	82.6	84.
> 12000		40.7		69.0	74.8	•	-		80.7	82.6	3	3.		3.	3.	
		40.7					7	1:		83.2	3.	3		;	84.5	:
0006 AI		41.3		12.0	76.1		80.	•	81.9	83.9				3	5	87.
		42.6			78.7	0	82.			86.5		-		-	-	:
7000		42.6			78.7	0	82,	-		86.5	87.1	87.1		87.7	1:	:
1		42.6			78.7		82.	:	84.5	86.5	87.1	87.1		67.7	•	89.
2000		42.6				0	82.			86.5	87.1	87.1		87.7	7.	89.
		43.2					83.	5		7	7.	87.7		8.		
4000		43.2				1:	83.	5.						6	6	6
		43.9			80.7	1.	84.					6		89.7	89.4	2
3000		43.9				-	84.		86.5	8			6		6	
> 2500		44.5	67.7	76.1	82.6	83.9	80	88.4	88.4	90.3	0.16	91.0	91.6		91.6	93.
1 2000		45.8				5.	87.			-	2:	2:		2:	2.	
1800		45.8			83.9	3	87.	6		:	2.	2.		92.9	3.	
> 1500		45.8		78.1		3.	88.	0		2.	3	2				95.
		45.8		78.7		6.	.68	-		2	*			;	94.2	
1000		49.8		78.7		.0	89.			2.	3					
98 Al		46.5			85.8		-	:	91.6			:		+		9
8 Al		46.5			87.1	8	91.	2.			3	3	-			
		46.3		61.3	87.7		.16			3		•		9000	96.8	
009		46.9		81.3	87.7		91.	3.	93.6	3	ò		90.0			8
		66.5	72.3		87.7		91.			95.5	1.96		96.9		96.8	į
1400		46.9	72.3	81.3	87.7	6			93.6	95.5	ò		90.8	96.8	96.8	:
300		46.3	72.3	81.3	87.7		92.	-		96.1	96.8		97.4		97.4	:
1 20		46.5	72.3	61.3	87.7	6	92.			96.1	0	•	1.06		98.1	9
VI 85		46.3	72.3	81.3	1.1		0	94.2		96.1		96.8	100		1.86	8
		46.5	72.3	81.3	87.7	9.	92.	94.2		96.1		96.8	186		98.1	100

TOTAL NUMBER OF OBSERVATIONS

07 HOURS (1.5.T.)

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0 A 96.1 2 5/16 A ٨١ 87.7 91.0 \* 94.8 Al VISIBILITY (STATUTE MILES) 82.6 91.0 8.46 90.8 8.76 1.96 96.8 17 17 0.00 82.6 80.7 7 7 82.6 0.16 8.46 1.96 96.8 AI 1 2% 85.2 80.7 80.7 83.2 81.9 87.1 90.3 71.6 80.0 86.5 AI 83.2 1 76.1 1.92 75.5 67.7 0.69 10.3 4.89 0.69 76.1 2 Al NO CEILING ¥ 20000 CEILING (FEET) VI VI 00091 V 1 400 VI VI 2000 2000 4500 4000 4000 3500 2500 1800 1050 88 88 80 88 88

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CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

155

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# CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CAROLINA

RENCE	
F OCCUR	VATIONS
ENCY O	(FROM HOURLY OBSERVATIONS
FREQUI	HOURLY
RCENTAGE FREQUENCY OF OCCURRENCE	(FROM

		00	•	1	-	7	-	100	-	8	-	-		-	-	M	-	3	8	0	-	-	O	0	0	O	0	0	0	0	0	0	C
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	Al	100	9	ŏ	9	9	9		7	-	-	-	1	-	8		8	88	0	0	0	0	100	01	100	100	100	10	100	01	9	OT	0
		00	8	5	5	7	-	3	1	8	-	-	-	F	-	~	5	*	8	85	7	-	q	0	0	0	0	0	9	0	0	0	C
	VI X	9	3	9	d	1	7		0		8		8	8						0	8	8	0	ò	0	Ö	Ó	9	0	0	0	ò	00
	۸.		9	•	9	•	9	2			-		-	2	1	8		8	0	1	6	6	2	2	10		0					-	2
	91/5	. 8	8	.5	. 5	1.	1		3	. 8	. 1	1.	. 1	.7	.7		. 5	4.	. 8		.1		0		• 0				.0	.0			0
		26	3	99	99	67	67		20	76	78		78	18	80		84	88	96	96	86	86	8	8	00	8	00	8	00	00	00		8
	Al	00		-	15				-	8	T.	_		-	_	10				8				3	-	5	30	30	20	1	5	=	=
	2																-						3		-							3	3
	Al	36		3	9	0	9	2	7	7	7	7	7	18	8	8	8	8	ŏ	8	6	6	ŏ	ö	9	ŏ	Ö	8	ŏ	0	ŏ	8	ŏ
		00	00	-	8	-	-	~	M	00	-	-	-	-	-	m	-	4	8		-	-	0	3	8	3	3	3	3	0	6	3	ĉ
	*	9	3	;	9	-	1	0	0				8	8	0	1.		8		96	8		0	0	0	0	0	0	0	0	ò	0	00
	AI		9	0	0	0	9	-	-	1	-	-	-	-	0	8	8	8	0	0	0	0	10	10	10	10	10	2	10	10	10	10	2
		8	0	5	5	-	-	W	~	8	7	-		-	1	~	5	4	8	0	7		0	0		0	0	0		0	0	0	0
	NI N	20		0		-	-	0	0	0	8	00	8	8	80		84		96	96	86	86		0	0	00	0	00	00	100	0	00	0
			9	0	9	•		-		-	•	•		•	_	-	-	-	-	-	•	•	-	-	-	7	-						=
	-		9			7				8	-	7	-				.5	4.			7					.0	•		•			.0	-
_	AI	56	3	99	99	67	6.7	70	70	76	78	78	78	78	100	81	84	88			98	98	00	00		00		00		00		00	100
VISIBILITY (STATUTE MILES)		8	7	5			-			89			-	-	_	0	2	4	-			-	01	6	-	70		70	010	70	-	70	7
W W	1,4		E											:		•		:						9		•		•	•	•		•	1
5	Al	56	3	8	99	9	9	7	70	7	78	76	78	78	8		84	8	6	96	9	36	ŏ		00	00	0	0	0	8	0	00	00
ST		00	00	*	3	-	1	M	19	80	-	-	-	-	1	m	8	4	3	20	-	-	0	등	0	3			6			8	6
	7.		3			-	-	0	0		8	8			0	1.		8.			98	8.	0		0	0	0	0	0	0	0	0	6
1	Al	8	9	•	9	0	-	2	-	-	-	-	-	-	40	8	00	8	0	0	0	0	10	20		0	0	07	10	10	10	10	100
VIS		0	00	S	10	-		3	1	8	-	-	-	-	-	3	5	4	00	00	4	7	3	4		4	4	4	4	3	4	*	3
	AI			0					0	-	8	80	78	8	80	-	84	8	96	96	-	8	9	66	0	66	0	66	0	0	0	0	00
		"	1	0	9	•	9	-	-		7	-	,	•	•				1		5	5	-	0.	6	5	0	5	0	0	0	6	
	21/2				-	7	-			8		7			-				8			7		•	•		•		•				•
	Al	56	3	99	99	67	67	70	70	76	78	78	78	18		81		88			97	96		66	66	66	66	66	66	66		66	99
		0		5		_	1	m	1	0	-	-	-	~	7	0	5	*	8			-		4	*	4	-	3		4	4	*	3
	•	- •:	3						0	:					-	1.			.9		1.			6	.6	. 6		6	. 6				
	Al	S	9	0		.0	9	7	7	7	-	7	7	7				8		0	97	98	66	ō	ò	6		ò	0	0	0		o
		00	00	10	8	-	1	m	-	0	-	-	-	-	1	1	0	1	7	-	60	3	-	-	7	1	-	-	1	1	-	-	-
	VI	9	3		9	-		0	70.	9	8			8	0	0	-	87.	9		96.	97.				8		*	8	1	8	8	
		2	9	0	9	0	•	-	1		-		-	-	80	8	8	00	0	0	0	9	5	0	5	9	0	9	0	0	-	0	0
	2			.3	- 50		1		3	.8	-	7	-	1	-	.7	6		-	1.	8	*							.7				
	AI	36	65	95	90	25	23	10	20	76.	18	78	78	78.	90	30	2	87	96	96	96	97	98	86	86	86	86	38	86	96	86	98	86
			_		-			Late.				1.00	100					-		. Sain	6	0	1		74	-		1		0	-		0
	•		4	-				69.7			76.1		76.1	:			80.7		.6	•								-					:
	Al	5	3	69	9	9	9	59	9	7.	76	76	76	76.	78	78	8	84.	6	6	6	92	6	6	6	6	9	6	9	6	0	.26	6
		1	+	-	13.00	-	-	-	-		-	-	-	-						-	-	100	-	-	-			-		-	-		
	2																																
	Al																																
		0																															
N	E	I S	3	18000	8	8	12000	8	900	8	7000	8	2000	4500	8	3500	8	2500	8	80	8	1200	8	8	8	8	ş	8	8	38	8	8	•
CEILING		NO CEILING	2 20000	4	~	-	7		Al		M		M		1		W.	7		1		A1		Al			Al	A	Al	A	AI	Al	
		ž	"	,\t	^1	^'	***		/\I		A1		ΛI	٨١		^1	^1	^'	,\I		^,	٨١		~1	,,ı							-11	
			_	_	_	_	_	_		_	_	_	_	_	_	_	_	_	_	_	_		_	_	_		_	_					

0 0 0 0 0 0 0 0 0 0 0

TOTAL NUMBER OF OBSERVATIONS

HOURS (LS.T.)

CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(100)	2	% Al	N AI	VI	M AI	12%	7 Al	77 77	7 1	ŽĮ.	% Al	*	Z Al	> 5/16	NI X	0 11
NO CEILING			56.8					80.8	9		.0	101			9	
1 2000		65.8	66.5	66.5	66.5	66.5	66.5		66.8	66.5	66.5	66.5	66.5	66.5	66.5	66.9
N 18000		:	66.5				66.5			.0	.9				•	
		3	66.5	66.5	66.5	66.5	66.5	66.5	66.8	66.9	66.5	66.5	66.5		66.5	66.5
2 14000		3	66.3	66.3		66.5	66.5			.0	66.5	66.5		66.5	66.5	66.5
			67.1		67.1			7	67.1	7	1	67.1				67.1
N 10000		:	72.3	72.3	72.3	72.3	72.3		72.3	2.	2.	72.3	2.	72.3	72.3	72.3
		-	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	2	72.3	7	72.3	72.3	72.3
9008		77.4	78.7	78.7		78.7	78.7	78.7			78.7		78.7	78.7	78.7	
		79.4	80.7	80.7	80.7		80.7			80.7	0	80.7	6		80.7	80.7
0009 AI			80.7	80.7	0	80.7		80.7		0			0	0		
		0	81.9	81.9	81.9				:		:	81.9	-	-		81.9
× 4500		-			83.2	3.				· ca	3			3.		
		3.	85.2		85.2	3.	5	85.2		-		3	:	3		
3300			•	5.	85.2	5	85.2		85.2	85.2	85.2	85.2		85.2	85.2	85.2
		:		89.0		6	6	89.0								
> 2500		:	92.3		92.3		2.		2.		2.	3	2.	2		
		;	93.5	95.5	95.5		3	95.5	3	95.5	3	5	5.	3		95.3
1800		:	95.5			95.5			•			95.5			95.5	95.5
1		3	98.1	98.1	98.1		-			98.7	8	98.7			7.96	98.7
1200		95.5	1.86	98.1	1.86	98.1	98.7	98.7		98.7	98.7	98.7	98.7	98.7	7.86	98.7
1		3	1.86	98.1				4.66	4.66			4.66			4.66	
8		3	1.86	98.1	1.86	98.1	4.66		4.66	4.66	4.66	4.66	4.66	4.66	4.66	40.6
		3	1.86	98.1	-		100.00		100.00	0	0		100.0	100.001	100.001	0.00
92 1			98.1	98.1		8.1	100.01		100.001	0.0				100.001	100.00	00.00
		3	98.1	98.1	8		•	6	0	100.0	00		100.0	0	0	00.0
900		3.	98.1			98.11	100.001	100.001	100.00	100.0		100.0			100.001	00.00
		3	98.1	98.1			100.001	0	100.001	0.0	100.0	100.0		100.00	100.00	_
38		95.5	98.1	98.1	98.1	98.11	100.001	100.001		10000	100.0	100.0	_	100.00	100.01	0000
-		3	1.86	98.1		98.11	00.0	100.00		100.0	100.0	100,0	100.0	100.00	100.00	0000
8			1.86	98.1	98.1	98.1	100.00	100.001	100.00	10000	100.0	100.0	100.0	100.001	100.001	00.00
1		95.5	1.86	98.1		98.11	10000	100.00	00.00	100.0	00.0	100.0	100.0	100.0	100.00	00.00

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

BEAUFORT, SOUTH CAROLINA

HOURS (LS.T.)

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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

CEILING																
(FEET)	2	o Al	\$0 Al	A1	e Al	≥ 2%	N N	Y1 %1	VI 2/2	- AI	% Al	* AI	AI %	≥ 5/16	AI X	O AI
NO CEILING		60.7	3	65.		66.5	. 9		.99		66.	99	30		•	66.3
× 20000		67.7	2	76.	1		74.8	74.8	1	1	74.	8 74.6	-		74.	74.8
V 18000		67.7	72.9		74.8	74.8	74.8	74.8	74:	74.8	7		74.1	74.	8 74.8	74.8
		67.7	2	74.			74.8	74.8	14		74.	74.		74.	74.	74.8
		67.7	2.	74.	;		:	74.8	74.	74.6	74.	74.	-	74.	-	74.8
≥ 12000		68.4		74.		75.5	78.5	75.5	1	75.	75.	75.	•	75.	75.5	75.5
		72.9		4	.0	0			80.	•	80.	80.	0	80.	80.	
0006		73.6		80.0	80.7	80.7	80.7	80.7	-	0	80.	80.	80.	0		80.7
		79.4	3	•				8	88.	8.	88.	4	8.	8	88.4	88.4
7000		79.4	85.2	87.7		88.4	88.4	88.4		8.	88	. 88.4	. 88	6 88.	88.4	88.4
		79.4	85.	-			8		88.		88.	•	4 88.	8	88.	88.4
2000		80.7	86.	89.7	90.3	90.3	90.3		90.	90.3	.06			0	90.	90.3
		80.7	86.	5 89.7		90.3		90.3	0		90.		•		€ 06 E	90.3
1 4000		83.2	89.	92.3	2.		2	2.	92.	2	92.	92.	34	2.	92.	92.9
		83.2	89.	0	2.		2.		. 92.		92.	.26	6	2.	92.	92.9
3000		83.9		0	94.2		94.2		94.		94.	94.			94.	94.2
> 2500		85.2	91.	95.5		96.1	.0		96		96	•96	0	.0	96.	96.1
		83.8		0			97.4		97.4	-	97.	•			97.4	97.4
		85.8		8.96	97.4	97.4		97.4	97.4		16		4 97.1	4 97.1	97.4	97.4
> 1500		85.8	93.6		98.7	98.7	98.7		98.7	98.7	-			. 86	1 98.7	98.7
N 1200		85.8		0	98.7	98.7		98.7	98.7	98.7	98.	7 98.7	7 98.	7 98.	1 98.7	98.7
> 1000		85.8	3.	0	4.66	4.66			99.4	99.4	99.	1.66	1 99.	1 99.	99.4	99.4
% AI		85.8	93.6	5 98.7	4.66	4.66	4.66	99.4	4.66	99.4	99.	1 99.1	1 99.	4 99.	99.4	99.4
		85.8	93.6	98.7	4.66	4.66	90.6	99.4		99.4	99.	. 66		4 99.	99.4	99.4
		85.8	3.	6 98.7	4.66		4.66	99.4	4.66	4.66	99.	6		4 99.	4.66	99.4
8		85.8	3.	0	100.001	100.0		100.0	100.0	100.0	100.	0100.0	2		0100.0	100.0
98		85.8	9	5 98.7	0	00	:		100.0	0	100	100	0100.0	0	-	100.0
> 400		85.8	3.	6 98.7	0	00	100.0	100.0	1	100.0	100.	00	0100.	0	0100.0	100.0
300		85.8	3.	6, 98.7				100.0	-	100.0	100	00	0100.0		-	100.0
> 200		85.8	93.6	98.7	0	0		0	-		1100.	0100.0	1000		0100.0	100.0
W 100		5.	3.	6 98.7	100.0	100.0	100.0	100.0	100.0	100.0	100	0100.0	3100	0100.0	1100.0	100.0
٥		85.8	3.	7 98.7			.0	100.0	100.0	100.0	100.	0100.0	1100.	100.0	1100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	IBILITY (SI	VISIBILITY (STATUTE MILES)	LES)						
(FEET)	VI 5	9 A1	\$0 Al	1	N AI	≥ 2%	2 Al	71 %	¥1 ¥	Ā	*	*	Z AI	≥ 5/16	% Al	٥
NO CEILING		66.5	73.6	77.4	78.1	78.1	8	8	78.	78.1	78.	78.	78.	78.		78.1
1 20000		68.4		80.7	81.3	-	81.3	4	81.3	81.3	81.	81.	81.	81.	-	81.3
N 18000		68.4		80.7	81.3	81.3	-	81.3	81.	81.3	81.	81.	81.	0	81.3	81.3
1,000		4.89	76.1	80.7	-	:	81.3	81.3		-	81.	81.	81.	81.	-	81.3
≥ 14000					81,3	7			91.	81.3	81.	81.	81.	.18	1.	81.3
≥ 12000		69.7	77.4		82.6	82.6	82.6	82.6	82.6	82.6	82.	82.	82.	82.	82.6	82.6
≥ 10000				85.2	5.		3		85.	5	85.	85.	85.	85.	85.8	85.8
		71.6	80.7			85.8	85.8	85.8	85.8	85.8	85.	85.	85.	85.		85.8
		75.5			0	0	0	0	90.	0	90.	90.	90.	90.		
> 7000		75.5	85.2		90.3	90.3	90.3	90.3	90.3	90.3	90.	90.	90.	90.	8006	90.3
				-	1.	•		:	91.	91.	91.	91.	91.	91.	-	
2 2000			87.1	91.0	2	2	92.3	92.3	0	92.3	92.	92.	92.	92.	92.3	92.3
		77.4		-	10.000	92.3			92.	92.	92.	92.	92.	92.		
× 4000		78.1		92.9	93.6	3	-	93.6	0	93.6	93.	93.	93.	93.	93.6	93.6
> 3500					3.	•	3.		93.	60	93.	93.	93.	93.	100	93.6
> 3000		78.7		-		*		+	94.	*	94.	94.	94.	94.		94.2
≥ 2500		79.4			95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	0	95.5	95.5
		19.4		.0	.0	. 9	•		96.	. 9	96.	96.	96.	96.		96.8
N 1800				.9	. 9	8.96	•	.0	96.		96	96.	96.	.96	96.8	96.8
		80.0		-			8	8	98.		0	8	98.	98.		
Y 1200					98.7	98.7	98.7		0		0			0		98.7
						4.66		99.4	0	6	0		6	•		99.4
8 Al		80.7		98.7		4.66	4.66		4.66	4.66	99.4	4.66		0	4.66	4.66
				98.7	4.66	4.66		99.4	99.4	4.66	99.4	99.4		•	99.4	99.4
78		80.7		4.66	100.0	100.001	0	100.0	07	100.0	10	100	2	100.0	100.0	10000
009		80.7			0	0			1001	100.0	100	100	100	100	100.0	
900		80.7			100.0	0.0	0		01	100.0	10	100	-	10	100.0	100.0
		80.7		99.4	100.0	0.0	0	100.0	100	0	2	100.0	2	100.0	100.0	100.0
88		80.7	92.9	4.66	0	.0			100	100.0	-	100.0	100	10	10000	(peacl)
		80.7			0000	0		100.0	100.0	100.0	01	100.0	001	100.0	10000	00.00
8		80.7		4.66	0.001	100.00		100.0	100.0	100.0	100	100.0	100.0	100.0	100.0	100.0
1		200	•		1000	100.0	0000	100.0	100.0	100.0	1001	100.0	100.0	100.0	100.0	00.00

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

....

400

# CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)							
(FEET)	VI 5	9	\$ AI	4 1	ε Al	× 2%	1 2	۲۷ کا ۱۳	×1 ×1	- AI	% Al	*	% Al	≥ 5/16	Al	*	0 1
NO CEILING		52.8	60.7			4.59	.0		66.		0	7.	67.	67.			57.9
> 20000		57.5	660	68.6		71.1	2	2	72.7	73.1	73.2	3.	73.		6 73	8	74.2
N 18000		57.6	66.1	68.7	70.8	71.1	72.2	72.7	72.	73.2	73.3	73.3	73.6	73.	6 73	0.	74.3
N 16000		57.6	66.	68.7		71.1	2.		72.	•	-	3.	73.	-	6 73	0.	14.3
		57.7	.99		70.	71.2	2		72.	73.2	-		73.	-	7 7	0	74.4
≥ 12000		58.2		6	71.	71.9	73.0	73.6	73.6	74.0	-			74.	ř		75.1
≥ 10000			.69	72.5	. 42		. 9		-94	76.9	-	77.1		77.	4 77	r.	78.1
0006 <b>₹</b>		61.1			74.9	16	76.3		~	77.3	77.	77.	77.	1	7 78		
0008 A		65.1	75.	78.4		81.0	2	82.7	82.	83.1		83.2	83.	83.	6 83	80	84.3
		65.5	75.	78.	-	-	2.	3.	80	3.	83.	83.	84.	8	30		
0009 ~		65.7		79.	:				83.		84.	84.	84.	00	4 84	9	35.1
> 2000		66.1		-	81.9	2.	3.		8	84.4	80	30	84.	8			85.7
		66.5		80.	2.	•			84.	5.	85.	85.	85.	8	6 85	8.	
V 4000		67.7		43	4.	4.	85.7	. 9		86.7	@	86.	87.	80		7	87.9
> 3500		67.8	78.	81.	1000	4			86.	. 9	80	00	87.	8			38.2
> 3000		68.9	79.	80			87.6		88.	86.6	88.	88.	.68	80		.3	89.8
≥ 2500		70.6	81.	8	87.7	88.4		90.4	90.4	90.8		0	91.	91.	16 €	100	92.0
		72.6	83.	30	å	d	2.		92.	93.3	3	93.	93.	0	8 94		
≥ 1800		72.6	84.	87.8	6.06	1.	2.		. 66	4.66	6	93.	93.	0	40 6	7.	94.6
		73.2	85.	89.	2.					5	95.	95.	95.	0	0		
> 1200		73.6	85.	90.	95.6	•	;		95.	95.	96	0	96	0	0		97.0
1000		73.9	86.			•	98.7		0	96.	97.	97.	97.	0	3 97	90	
00 Al		74.0	86.		93.6	*	3	96.5	96.	96.	97.	97.	97.	9	0		98.2
		74.0	86.	91.					96.	7.	97.	97.	97.	0	0	2	99.6
700		74.0	86.	91.5					0	97.5	97.	97.	98.	98.	1 98	m.	8.86
09 AI		74.3	87.	91.	94.4	5	9	•	0	7.	0		98	0		9	99.1
200		74.3	7.	91.8	4.46	95.2			6	•	0		98.	0	96 9		8.66
N 400		74.3		91.	94.4	5.	97.0	97.7	97.	98.1	0		98.	0			1000
300		74.3	87.0				97.2	97.9	97.9		98.	98.6	98	98.	66 6	N	4.66
		74.3		91.	4.46	•		98.0	•	98.4		98.	0		66 0	90	99.8
8		74.3	87.0	91.8	4.46	95.2	97.2	98.0	98.0	98.4		98.	•	66	66 7	*	8.6
		74.3		1.	94.4	95.2			98.	98.4		98.	0		1 99	.410	00.00

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TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LS.T.) VOIN

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EILING							VISI	VISIBILITY (ST.	(STATUTE MILES)	ES)						
(FEET)	71	۰ ۸۱	S AI	4	e Al	Y 2%	7 7	YI 71	¥.	- AI	% Al	*	Z AI	≥ 5/16	× Al	O AI
CEILING		50.0	62.0	66.0	68.0	68.7	68.7	68.7	68.7	69.3	69.3	69.3	70.0	70.0	70.7	72.
2000					70.	d	3	1	0	3	4	-			7	
18000		52.0	:		20.	0	0	:	0	-	-	:			2	*
16000					70.	0	à	:	0	-	-	1.			2	74.
14000					70.	0	0	-	0	-	-	-			3	74.
12000		52.0			70.	0	ė		0	1	-	1.		2.	2.	74.
10000			4.		70.	1.	1.	_:	1.	2.	2.	2.	2.	2.	3.	
0006		52.7	4.		70.	-			-	2.	2.	2.	2.	2.	3.	74.
8000		54.7	0	4	76.	9		:		7.	7.	7.		8	8	
2000			0	•	76.	-	:	-								
9009			0		76.	2	-	-	-					8		
2000		55.3	-		77.			-	8					6	0	
4500			2.		78.	8		-	8	6		6	0	0	0	
4000			3		79.	0			0	0	0	0	-	=	2	
3500		57.3		77.3	79.	0	ò	:		80.7	0				2.	83.
3000			8		81.	2	5	.:		2	2	2			*	
2500			-	-	83.		*	:	*	*	*			5		
2000		61.3	8		85.		•	:			•			-	8	
1800				2	85.					3		9		-		
1500		61.3	6	4	86.									6	0	
1200		1.	6	4.	86.	8.		-			8	8				91.
1000		61.3			88.	6	6		6	0	0	0		0	1:	
98		61.3	0		88.	0	0	:	0	0	0	0		-	2	93.
908		61.3	0	3	88.	0	ò	-	0	0	0	0		-	5	
200		61.3	ó	6.28	88.	0	ò	-	0	ċ	0	0		:	2.	93.
009		61.3		3.	88.	0	ò	:	0	0	0	0		-	3.	93.
900		62.0		•	89.	0	0	:	0	-	-	1.		2.	2.	94.
400		2.		86.0	89.	0	å	_:		2	3.	5		3	3.	94.
300		62.0		0.98	90.	1.		~		3.	3	3.	0.46		+	96.
300				86.0	.06	-	:	.:		3		3.		*	3	96.
92		62.0	0	. 4	90.	1.	1.	92.7					95.3	95.3	.0	98.
•		2	0	86.0	90.	-		92.7	93.3		;	:	95.3	95.3	;	100.

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TOTAL NUMBER OF OBSERVATIONS

HOURS (LS.T.)

400

# **CEILING VERSUS VISIBILITY**

BEAUFORT, SOUTH CAROLINA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	LES)						
(FEET)	5	٨١	89 Al	4	N AI	2 2%	2 41	¥1 ¥	¥1 V	<u>-</u>	% Al	*	N X	≥ 5/16	N N	٨١
NO CEILING					62.0				.49	67.	67.	67.3		68.		70.
> 20000		63.3	54.0	58.0	64.0	4			66.	-	70.	70.0	0	70.	72.0	
V 18000		43.3	54.0		64.0				66.	70.	67	70.0	0	70.	72.0	73.
≥ 16000		43.3			64.0				66.	70.	70.	70.0	0	70.	2.	73.
2 14000		43.3	54.0		64.0				66.	70.	70.	70.0		70.	72.0	73.3
≥ 12000		43.3			64.0	*			66.	70.	70.	70.0		70.		73.
		44.0	54.7			16	3		67.	70.	70.	70.7		11.		4
000		4	54.7	58.7		-	3		67.	-	70.	70.7	la.	71.		74.
		47.3	30.3	1		6	1		72	76.	76.			76.		79.
1 1									73	76.	76.		-	77.		80.0
1		48.0	60.		70.7	71.3	2		73		76.		77.3		78.7	80.0
2000		48.7	60.7	65.3		2			74.	77.	77.			78.		80.
				.0		2			74.	78.	78.		. 8	78.		81.
4000		50.7	62.7	67.3	73.3			-	76.	-	79.		0	80.		
		50.7	62.7			3	:		76.	79.	79.		0	.08		82.
3000		50.7	62.7	1					76.	7	79.			80.	81.	1000
> 2500		51.3	64.0	68.7	74.7	5	. 9		11.	80.	80.		81,3	81.	82.	.**
		52.0	65.3			1			80.	83.	83.			84.		86.
1800									.08	84.	**8			84.		87.3
		52.0	66.0						81.		84.		3	85.	86.	88.0
> 1200						8			82.	85.	85.	3		86.		.00
N 1000		53.3	67.3		•	6			83.	8				87.	-	90.0
06 1		53.3	67.3	72.7	78.7	80.0	2.	83.3	83.	86.7	86.7	86.7	-	87.		900
		53.3	67.3			3	2		84.		1	-	-	88.		
		53.3	67.			0	2		84.				-	88.		91.1
8 Al			68.	-		2	3	5	85.				1-97/	90.	91.	92.
			68.0	73.3		82.0	;		.68	•				•06	1	92.
N 400			68.				85.3		86.	90.	90.	0	-	91.		94.0
88		54.0	-	74.0	-		86.0	87.3	87.3	92.0	92.0	92.0	93.9	94.0	96.0	2
					2.	-	3		88	93.	93.		_	95.		2
8		54.0	Acr.	:		0.4	86.7	89.7	88	93.	93.	93.3				
				4		96.0	3		88.	934	73.			120.	9/6	100

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TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES						
(FEET)	2	AI	% AI	4	ε Al	2 2%	2 4	¥1 ¥1	¥1 YI	Ā	* AI	*	N %	≥ 5/16	AI X	AI
NO CEILING		34.0		44.7		100			49		50.	0	2.		52.7	54.
≥ 20000		37.3	46.0	49.3	34.7	100	5863		35.		56.		8	58.0	58.7	61.3
≥ 18000		37.3		49.3	24.7		55,3	55.3	55.3	55.3	96.0	36.7	58.0		58.7	61.3
> 16000		37.3			54.7		55.3		55.		56.	•			58.7	61.2
2 14000		37.3			54.7	*	55.3		95.		56.				58.7	61.1
≥ 12000		37.3	46.0		54.7	5	3		55.		56.	56.7				61.1
V 10000		38.0	46.7	51.3			2		97.		58.			.09		63.3
0006		38.7			58.0	5			58.		99.	60.09	-	61.	2	64.
						0		2	62.		63.		;	.99		70.0
2000		40.7	49.3				5		62.		63.	;		66.	;	70.0
				55.	-	0			69	-	64.			96		70.7
9000		43.3		58.					67.		68.		0	70.	-	
		43.3		-		67.					68	69.3	71.3	71.	3.	75.3
4000		44.0		60	•	0		ka C	69		70.	0	2.	72.	3.	76.7
				60		69	70.	0	70.	0	70.	1.	3.	73.		77.3
3000		45.3		62.		711.	72.	2	72.	2	72.	3.		76.	9	80.0
> 2500		45.3		62.		71.	72.	2	72.		72.	3.		76.	•	80.0
× 2000		45.3		64.	•	73.	74.		74.		74.	3	8	78.		82.0
		45.3		64.		74.	74.		74.		75.			78.		82.
1500		46.0		64.	72.0	76.	76.		1		77.		0	60.	-	
				0		76.	76.		76.		77.		0	.00	1:	
0001		47.3		66.		77.	78.		78.		78.		2.	82.	2.	86.
8		47.3		66.	73.3	77.	78.		78.		78.	79.3		82.	2.	86.0
		47.3		•		77.	78.		78.		78.		3	82.	2	
				.99		78.	79.		79.		80.			83.		87
000				9	75.3	79.	80.		80.	0	81.	2.		84.	3.	. 88
			3	0		79.	80.		80.	•	82.		85.3	85.		19.
> 400		48.0		0	75.3	79.	.09		80.	-	82.	82.7		86.		90.0
300		48.0	0.00	67.3	75.3	79.3	80.0	0.00	80.0	81.3	82.	82.7	•	87.3	88.0	91.
			•	0	75.3	6	80.	0	80.	2			•	91.	2	90.
8			•	-	75.3	70.3	90		9	83.9	84.	20	100	92.	•	
		48.0	100	0	75.3		80.	0	80.	83.3	-	69.2	•	72.	:	100.

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TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

(FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF OCCURRENCE

VISIBILITY (STATUTE MILES)

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CEILING VERSUS VISIBILITY

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3500

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1500

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4500 4000

ALAI

2000

ALAI

2000 7000 AI AI

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1006

84.7

TOTAL NUMBER OF OBSERVATIONS

150

TOTAL NUMBER OF OBSERVATIONS

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BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE

CEILING VERSUS VISIBILITY

HOURS (LS.T.)

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CEILING						VISI	VISIBILITY (STATUTE MILES	ATUTE MIL	ES)						
Al	01 8 VI	AI AI	4	N AI	2 2%	N N	VI 72	V1 71	ĀI	% Al	* 1	VI Z	2 5/16	× Al	٨١
NO CEILING		54.	54.	:					54.		50	54.7	*	*	54.
≥ 20000		62.	62.	62.7	62.7	62.7	62.7		62.	2	9	62.7	62.	2	62.
> 18000		62.	62.	2			2.		62.		9	62.7	62.	2.	62.
00091 X	61.	62.	62.	2		62.7	62.7	0	62.		0	62.7	62.	2	
> 14000		62.	62.	2			2.	2	62.		0	62.7	62.	2	62.
> 12000	61	62.	62.	7	62.7		62.7	0	62.	3	•	62.7	62.	2	62.
		64.	64.	64.0	4	;		*	. 40		64.	. 40	64.		
0006		. 99	64.		4		0.49	*	64.			. 40	64.	;	
0008 ~	70.	7 72.			72.7	72.7		72.7	1	72.7	72	72.7	-	72.7	72.
> 7000	-	73.	73.		3.	3.		3	73.	3	73.	73.	73.	3	
		73.	73.	3.	3	3.	3.		73.	3	73.	73.	73.	3.	73.
2000	71.	73.	73.					3	73.	*	73.	73.	73.	3	
		73.	73.	73.3	73.3	3.	73.3		73.		73.	73.	73.		73.
0007	72.	74.	74.	;				*	74.		74.		74.	;	
		76.	77.	-	-	-	-	1:	77.	1:	77		77.	-	
3000		~			6				79.	6			79.	6	
		82.	82.	2.	2.	2.	2.	2	82.	2.	The same		82.	2.	82.
2000		84.	85.	3	5	3			85.	3			85.	5	
	80.	85.						.0	86.		86.0		86.	. 9	86.
N 1500		88.	89.	6	0	0	0	0	.06	0		0	•0•	0	
		.06	.06	0	-	3	2	2	92.	3		2	92.	3	92.
≥ 1000		91.	92.		4.			*	94.				94.	:	
		.26	. 76	5.	. 9	. 9	6.	.0	96.			•	96.	9	
008	84.		94.	3	•			•	96.				96.	•	96
	84.		. 46	5.	6.	7.	7.		97.		44	8.7e	6	1.	97.
99	84.	3	94.		•			8	98.	8	98.		98.		98.
	84.	2	95.		8.	6			.66		1	66.3	.66	6	66
904	84.		95.	;				6	.66			99.3	99.		6
	84.	:	95.	•			6		.66				66.3		6
> 200	84.	2	95.	96.7		6			0	100.0	-	100.0	100.0	100.0	100
	84.	7 92.			8	6			-	100.0	100.0	100.0	100.0	100.0	100
o Al	84.	7 92.	7 95.3	96.7					0	100.0	100.0	100.0	100.0	100.0	100

HOURS (CS.T.)

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440

# **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

CEILING							VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	2	<b>9</b>	82	71	AI AI	> 2%	2 A	¥1 ¥1	¥1 VI	-	% Al	* 11	Z Al	≥ 5/16	N N	0 4
O CEILING				58.7	58.7	58.7	58.7	58.7	58.7	11 (25/25)	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000			-20		62.3	63.3	62.2	63.3	63.2	63.3	63.3	63.3	63.3	63.3	63,3	63.3
V 18000				63.3	63.3	63.3	63.3	63.3	63.3	7025	63.3	63.3	63.3		63.3	63.3
≥ 16000			100	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
> 14000			0.75	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3		63.3	63.3
> 12000				64.7	64.7	64.7	64.7	64.7		64.7	64.7	64.7	64.7	64.7	64.7	66
N 10000				65.3	65.3	65.3	65.3		5	65.3	3	65.3	65.3	65.3	65.3	65.3
> 0000 ₹			1570	65.3	65.3	65.3	65.3	65.3	3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
				4		74.0	74.0			74.0		74.0	74.0		74.0	74.0
≥ 7000			. 5.09		75.3	75.3	75.3	75.3		75.3	75.3	75.3	75.3	75.3	75.3	75.3
0009 3		73.3	76.0	76.0	76.0	76.0		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
> 2000			77.1		76.7	76.7	76.7	76.7		76.7	76.7	76.7	76.7			76.7
			177	77.3	77.3	77.3	77.3			77.3		77.3	77.3	77.3		77.3
V 4000			-	78.7	78.7	78.7	78.7	78.7		78.7	78.7	78.7	78.7	78.7	78.7	78.7
> 3500			1	78.7	78.7	79.3	79.3			79.3		79.3	79.3	79.3	79.3	79.3
			971	82.0	82.0	82.7	82.7	82.7		82.7		82.7	82.7	82.7	82.7	82.7
> 2500				.9		86.7		86.7			87.3		87.3		87.3	87.3
			9.0	88.0	88.0	88.7		88.7	•	89.3		89.3	89.3	89.3	89.3	89.3
V 1800					88.7	89.3	89.3		89.3					•	90.0	
			100			91.3	1.	91.3	•	92.0	2.		92.0		92.0	92.0
1200				91.3	91.3		2				92.7	92.7	92.7	2.	92.7	92.7
				2	2	2.	93.3	93.3	6		+			94.0	94.0	
8 1							*			95.3	3	95.3	95.3		95.3	95.3
								3.		96.0			96.0		96.0	96.0
82 41				92.7	94.0	4.	.9		•	7.96		96.7	96.7	96.7	96.7	96.7
-			2.50	93.3	94.7	95.3	96.7		96.7	9.55	97.3		97.3	97.3	97.3	97.3
88		88.7	4.46	94.7	0.96	96.7	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
			94.7	94.7	•	96.7				99.3			99.3	99.3	99.3	99.3
8 41			4.7	94.7	96.0	96.7	-	98.7	98.7	8.66	99.3	86.3	99.3	99.3	99.3	99.3
			94.7	7.46	96.0	96.7	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
8			4.7	4.7	96.0	96.7	98.0	98.7	98.7	0	100.0	100.0	100.0	100.0	100.0	10001
		88.7	94.7	94.7	96.0	96.7	98.0	98.7	•	0.00		0.0	00	6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

HOURS (L.S.T.)

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	AI AI			72.					76.	81.	82.	82.	83.	9.6	86.	87.	90	90	91.		93.	94.	*	94.	94.	96	95.	95.	96	97.	98.	00.0	
	-	100	-	F	F	-		9			10	0		0	0		0	-	-	0	17	-	F	-	-	-	-		-	-	-	M	-
	AI X		72		72	72	73	1.	74	5	82	82	83	84	98	87	90	00	91	92	93	6	6	200	3	9	95	95.	96	97.	6	99.	
	\$/16		-											0													(		-	-	-	-	
	N N	67	72	72	72	72	73	7.	75	81	82	82	83	10	86	87	90	06	6	92	93	6	*	*6	6	16	0	95	96	97	96	66	0
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	-	7.3	2	2.1	2.7	2.7			4.0			2.0		4.0				7.0					4.7	1.1	1.1		5.3	5.3	5.7	7.3	9.7	8.7	
LES)	_^'	0	-	-	7	1	~	-	-	8	-	0	0		•	-	0	0	0	0	0	6	0	6			0	6	6	0	6	•	•
VISIBILITY (STATUTE MILES)	7.	7.3	7	2.7	2.7	2.7		4.0			2.0			4.0				7.0					4.7			4.7		5.3	9	6.7	8.0	8.0	8.0
TATU	Al	0	7	1	-	1	~	1	7	8	-	8	-	0	-	8	5	6	5	5	•	6	0	6	0	0	0	0	0	•	0	0	0
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	AI	57.	22	72.	77.	72.	73.	74.	74.	81.	82.	82.	83.	84.	86.	87.	90.	90.	91.	92.	93.	94.	94.	. 76				95.	96	96.	96.	96.	
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	AI.	67.	72.	72.	72.	72.	73.	74.	74.		82.	82.	83	*	86	87.	90.	90	6	92.	93	30	36	30		46	95	95	95	98	95	99	95
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	AI	99	12	72	72	72	72	73	73	80	80	80	82	82	8	86	88	68	90	06	5	92	92	26	92	26	92	92	92	26	92	26	92
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	AI	69	69	9	99	68	69	69	60	7	7.3	75	10	17	19	80	82	83	40	48	83	86	86	80	86	86	86	86	86	86	86	86.	8
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CEILING	FEE	NO CEILING	70000	≥ 18000	8 8	140	≥ 12000		000 AI		2		S N		4		8		2	8			2	Al			٨١		A		7		۸í
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TOTAL NUMBER OF OBSERVATIONS

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HOURS (CS.T.)

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# **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE BEAUFORT, SOUTH CAROLINA

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	≥ 5/16	70.	72	72.	72	72.	72	74.	74.	80	80,	80.	80	82	84	85	86.	89	89	89	90	91.		92.		26		6				86	98
		F	-	-	-	-	F	0	0	0	-	-	-	0	9	-	-	1	~	m	9	67	-	-	7	-	-	1	-	m	9	0	O
	N X	70	72	72	72	72.	72	74	74	80	80	80		82		85		83				5	A5000	92		92		93		0		8	
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VISIBILITY (STATUTE MILES	VI %	70	72	72.		72.	72	74.	74	80	80	80	90	82	84,	85	86	68	68	89	90	6	92	20	92	20	92	95	96	96	97	97	97
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BILITY	VI Ž	10	72	72.	72	72,	72	74.	74	80	80	80	80	82		85	86	60	8	8	90	91.		92	92	92	92	95	96	00		07	
VISI		F	-	F	F	-	-	0	9	0	-	-	7	0	9	(4)	-	m	m	19	9	m	-	F	7	-	-	1	0	-	~	m	•
	N N	70	73	72	72	72	72	74.	76	80		80		82		-	0	89	0	89	90	91	92	92	92	35	92,	50	96	96	97	97	97
			-	-	-	-	-	0	0	0	-	-	-	0	0	9	-	m	•	m	0	m	-	F	7	-	-	-	3	0	0	0	0
	1 2%	70.	72	72	72	72.	72	74,	74	80		80		82		85		89		89				92		92		96		96		96	
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	AI .	70	72	72	72	72,	72	74	74		80	80		82	84	85	86	1000		89		91		92		92			95			96	
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	VI S	67	69	69	69	69	69	70,	70	16	77	77.	11	78	80,	82	83	83	85	83	85	86	87	87.	87	87	87,	88	8	:	88		88
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CEILING	FEE	NO CEILING	> 20000	18000			12000	10000	Depart 1				-																				
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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

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		4					0													4
		N %	62	67	67	67	67	9	68	68	75	10	76	-	78	19	80	82	34	•
		*	62.3	66.7	66.7	66.7	66.7	66.9	68.2	68.4	75.0	75.8	75.9	76.8	77.6	79.2	80.0	82.1	84.1	1
		% Al	62.2				9.99													
S)	£S)	<u></u>	62.1	666.5	66.5	66.5	66.5	66.8	68.0	68.3	74.8	75.6	75.8	76.7	77.4	79.0	79.8	81.9	83.9	1
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	VISIBILITY (STATUTE MILES)	×1. ≤	61.7	66.0			0.99										79.3			
Y OF G	IBILITY (ST	¥1 Y		66.	66.	- 0	66.	66.	67.		74.3		75.	76.	76.	78.	79.	81.	83.	
UENC ILY OF	VIS	7 7		65.	65.	65.	65.8	99	67.	67.		74.	75.	76.	76.	78.		81.	83.	
FREG		≥ 2%	4.10				65.8	-					•			-			82.	
FROM		E AI	61.1	65.4	5	65.4	5	65.7	9	67.2	73.6	74.3	74.4	75.3	76.0	77.6	78.3	80.3	82.3	
PERCEI (		VI	59.6	63.7				63.9	63.	65	71.7	72.	72.	73	74	73		78	80	
		N.	57.3	61.3	1.	61.3	-	61.5	62.6	62.8	68.8	69.5	69.6	70.3	71.1	72.7				-
		AI	51.3			54.9	54.9		56.1	56.3	61.3	2	N	62.7	3	6.4.0	65.2	66.8	68.3	
		_																		

NAVWEASERVCOM

BEAUFORT, SOUTH CAROLINA

HOURS (C'S.T.)

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**CEILING VERSUS VISIBILITY** 

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (... JOM HOURLY OBSERVATIONS)

CEILING							VISIA	VISIBILITY (STATUTE MILES)	TUTE MILE	(\$)						
	2	Å	S)	<b>A</b> I	2	2 2%	Z AI	¥1 %	¥1 ×1	Ä	% Al	*	% Al	2 5/16	× Al	AI
NO CEILING		64.5	52.3	8.4.8	55.5	55.5	56.8	36.8	56.8	57.4		57.4	57.4	57.4	57.4	58.
18000		•	57.4	0.09	60.7	60.7	61.0	61.9	61.9	62.6		62,6	20	2	62.6	
14000			57.4		600	0	61.9		1:	•	50			95.29		63.
12000		40.4	57.4	•	60.7	d	610		619	62.6		62.6		62.6		120
000 N N		6.8	57.4	000	60.7		010		0 1 9	•	62.6	62.6	62.6	62.6	62.6	63.
7000 7000		51.0	61.3		65.8	65.8	67.1	67.1	67.1	68.4		69.4	69.4	4.69	40.00	
										-	-	-		71.0		72.
		53.6	a's		8 6	8	3:		3	23.5		72.3	72.3	72.3	72.3	73.
4000		56.1	67.1	71.0	71.6	-		72.9	72.9					74.2	74.2	75.
300		56.8	67.7	71.6	72.9	72.9	74.2	74.2	74.2	75.5	75.5		78.5	75.5	75.5	90
7 2500		_	72.9				0					-	81.9			83.
-		61.9	74.2		0	80.7	4.	4.		83.2				83.2	83.2	. 4
> 1500		64.5	76.8		83.9	3		85.2	85.2	6.	86.5		86.5		86.5	87.
VI VI 1200 1000		64.9	76.8	81.9		85.2		6 6	86.5	• •	87.7	87.7	87.7	87.7	87.7	89.
88						.0	-	-			6		89.0		89.0	000
		64.5	9.0				9 6		89.0	00	90.0		900	90.3	900	3:
000		64.5	76.8	83.2	. 9	.0	89.0	89.0	89.0	F.06	0	•	90.3		90.3	91.
VIV 86		64.3	1:	0.0	87.7	•	-	91.0	91.0		24	92.9	92.9	92.9	93.6	95.
			17.4	9 6	87.7	. 6		300	300				94.8		95.3	
			77.4	3.	87.7	6	?	2		5.	5	2			8.96	98.
80		64.3	1:4	60	67.7	000	92.3	92.0	650	95.50	20 C	95.0	200	7.96	800	000
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TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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(FEET)

NO CEILING

≥ 20000

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VI VI 00081 00081

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51.0 51.0

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0 Al 73.6 81.3 83.9 67.1 ≥ 5/16 2 Al AI 63.2 69. AI 80.7 ٨١ VISIBILITY (STATUTE MILES) 61.9 85.2 4.88 80.0 86.5 69.7 72.3 61.9 81.9 82.6 82.6 88.4 80.0 71 7 61.9 80.0 80.0 72.3 84.5 74.2 76.1 85.8 AI 71.6 67. 1 2% 71.6 79.4 69.0 W Al 71.0 76.1 66.5 69.7 76.1 78.1 80.0 60.7

63.9

64.5

56.8

3500

AI AI

0

2500

ALAI

70.3

61.9

1000

ALAI

60.1

1800

AI AI

63.2

88

ALAI

88

ALAI

63.2

64.5

88

AI AI

64.9 64.5

88

80

ALAI

61.3

8.95

4500

ALAI

0

60.7

54.5

2000

52.3

2000

AI AI

TOTAL NUMBER OF OBSERVATIONS

155

-

### **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE BEAUFORT, SOUTH CAROLINA

(FROM HOURLY OBSERVATIONS)

1 ٨I 2 5/16 22 AI \* 67.7 68.4 % Al 63.2 63.9 \_ ^I VISIBILITY (STATUTE MILES) 64.5 80.7 80.0 7 7 7 71.6 80.0 85.2 Ä 78.1 62.6 63.2 62.6 63.2 65.2 66.5 1 2% 60.0 60. 61.3 70.3 78.1 Al 57.4 65.8 71.0 58.1 67.7 74.8 51.6 57.4 61.3 52.9 58.7 63.2 55.6 60.7 65.2 57.4 65.8 70.3 4 56.1 63.9 50.3 56.1 N Al 51.6 57 58.1 11 2 Al NO CEILING (FEET) ≥ 20000 VI VI 00091 2000 2000 1800 1200 80 Y Y 1400 VI VI 000 000 000 000 2000 4500 3200 88 88 88 88

AI AI

AI AI

AI AI

11 11

ALAI

AIAI

ALAI

ALAI

ALAI

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CARDLINA

HOURS (LS.T.)

-0

62.6 62.6 64.5 64. 0 80.0 1 ٨I 71.0 80.0 74.2 83.2 76.1 86.5 5/16 56.1 A 86.5 86.5 86.5 ٨I 71.0 65.8 70. AI 71.0 74.2 80.0 ٨I 79.4 79.4 61.9 70.3 82.6 73.6 85.2 85.8 63.9 63.9 87.1 90.3 AI VISIBILITY (STATUTE MILES) 70.3 86.5 0.68 75.5 85.2 80.7 69.7 89.7 17 73.6 73.6 79.4 79.4 79.4 79.4 82.0 85.8 86.5 89.0 63.9 63.9 67.1 70.3 70.3 7 7 6119 65.2 67.1 1 63.2 69 2% AI 62.6 66.5 65.2 66.5 62.6 66.5 67.7 69.0 63.2 67.1 68.4 69.7 6 67.7 71.6 72.7 77.0 53.6 82.6 61.3 82.6 86.5 79.4 83.2 85.2 86.5 86.5 61.9 62.6 63.2 87.1 80.7 AI 79.4 61.3 79.4 80.7 AI 19.4 60.7 74.2 80.0 74.2 80.7 AI 51.0 58.7 71.0 72.9 74.2 74.2 52.3 74.2 74.2 14.2 74.2 4.2 ٨I 2 NO CEILING ¥ 20000 CEILING (FEET) VI VI 00081 00081 00081 Y 1 400 000 000 000 2000 4500 3000 2000 1800 88 88 88 80 800 7000 1200 88 ALAI AI AI AI AI AI AI ALAI ALA ALAI AI AI ALAI ALAI ALAI AI AI ALAI

VERSUS VISIBILITY

JAN

CEILING

1

(F)

5703

TOTAL NUMBER OF OBSERVATIONS

HOURS (CS.T.)

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) SAUFERST. SOUTH CAROLINA

MD CEILING 12 20000 12 14000 12 14000	2	o Al	N AI	4	N AI	≥ 2%	2 2	71 72	N N	<u>~</u>	% Al	* 11	N %	≥ 5/16	N NI	AI .
		41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.
		47.7	48	4.84	4.04	48.4	4.84	4.	8	4.8	48.4	48.4	48.4	4.8	8	
12000		47.7	400	48.4	4.84	4.84	484	100	60	800	4.84	48.4		68	80	9
		51.6	52.	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	S 10	52.3	52.
000 1 A 1		58.7	69.	69.2	63.2	63.2	60.7		69.7	63.2	63.2	69.2	. •a •	00	69.7	60.
0005 AI AI		61.3		63.2	63.2	63.2	63.2	63.2		63.2	63.2	63.2	63.2		63.2	63.
954 900 400		61.9	63	63.9	64.5	64.3			•		64.5	66.9	64.5	66.5	64.5	96
3000		69.69	66.			67.7					22	67.7	72.9	91	67.7	91
7 2000		72.9	75.	76.1	30.7	77.4	77.4	77.4	77.4	77.	77.4	77.4	81.9		77.4	77.
91 YI YI 98 ZI 98 ZI		76.1	78	80.0		81.9	- 6						9 8	83.	83.2	83.
1200		77.4		82.6	63.2	10 1	25	85.2	35		85.2	85.2	85.2	85.2	Breat Street	85.
9 8 AI AI		78.7	83.		85.8	91.6	2:	7.			6	87.7	.16	6	91.6	87.
8 %		81.3	85.	4.88	91.0			- 2	-10	91.	00	- 2	91.	91.	91.6	
VI VI 800 400		81.3	86.		91.6	94.2	*		N 30	98.	00		95.5			98.
300			86.	90.3	92.3	95.5	96.1	98.1	98.1		6	10001	10001	9	10001	100.
80			90	91.0	92.9	96.1	97.4	4.00	4.66	100.0	100.0	100.0	100.0	100.0	100.0	100

0

0

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

CEILING VERSUS VISIBILITY

-

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	71	٨١	8 11	4	11	N 2 1%	12	71	71 71	- -	* 1	*	Z AI	2 5/16	× 1	0 11
O CEILING				10		5	5.	3	45.2	5	5	5		5	5	
≥ 20000				50.3		50.3	6	50.3	50.3	50.3	0	0		0	0	50.3
				0	0	0	0	0		0	0	0		0	0	
2 16000		40.0		0	0	0		50.3	50.3	6	0	0				
				0	0	-				-	-	-		-	-	
> 12000			52.9	52.9	\$2.9	53.6	53.6		53.6	33.6						53.6
				3.	3		9	9			.0			0	9	
0006 AI		4	56.1				56.8		56.8	-	.0	•			•	
		62.6	63.9		4	5	5	65.2		5	65.2	65.2	65.2	5.59	65.2	65.2
2 7000							69.0	9.		9.	6	6	6	6		
		-		6	0		;			-		-1		-	•	71.0
> 2000					-	-	71.6	-		-	:	-		-		
		67.7	69.7	-	71.6	72.3		2.	72.3	72.3		3		2	72.3	72.3
1 4000				-		*	74.8			;	;	*		;	*	74.8
					7.			78.1		8				78.1		78.1
3000		74.2		-			78.7	78.7	78.7			8			8	78.7
				-	-	2	2	2.	~	2.	2.	2.	2.	2.	2.	
7 2000		79.4			;		5		85.8			3		3.	3	85.8
		79.4	81.9	83.2	84.5	85.2	85.8						9	86.5	86.5	86.5
≥ 1500		79.4		3	3		1.	-	1	-	-	1:	1.	-	1:	
					7.	8		6	89.7	6	6	6		6		89.7
≥ 1000				•		0	-	-		:	-	-	-	-	-	
		1.		. 9	6	0	1:	2.		2.	2.	5		2.	5.	
80		-				-	-	2		2	3	5	2.	2	92.9	92.9
-		81.3	84.5	87.1	0	-	92.3	93.6			m			93.6		93.6
9		:		87.7		~	1 70	;	94.8	95.5	3	\$		95.5	95.3	95.3
		-		87.7	2.					98.7				98.7	98.7	98.7
00 AI		81.3	85.8	88.4		5	.0	98.7						4.66	4.66	4.66
		81.3		88.4	65.6	95.5	96.8	98.7	98.7				4.66	4.66	4.66	4.66
> 200		81.3	85.8	88.4		95.5		98.7	98.7	4.66	6		4.66	99.4		99.4
W 100		81.3	85.8		2.	95.5	. 9	4.66	4.66	0		0.0	0		100.0	10000
o Al		-	85.8	88.4	92.9	98.5	96.8	\$ . 66	4.6	0		0	0	100.0	100.0	100.0

NOURS (LS.T.)

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CEILING VERSUS VISIBILITY

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)							
(FEET)	5 1	٥ ٨١	S AI	4	e VI	≥ 2%	7	Y1 %1	۷۱ ۶۰	- AI	*	*	Z.	> 5/16	AI N	AI	
NO CEILING			52.9		4	4	4	54.2	*	4	*	*		54.	54.	80	IN
≥ 20000			55.5	56.1	56.8	56.8	9	86.8	. 9	56.8	9	. 0	56.8	56.	56.		-
≥ 18000		54.2	55.5		.9	. 9								56.	56.	5	0
N 16000			35.5	56.1	56.8	56.8		56.8	.0	56.8		;		56.	56.	8	0
2 14000			55.5			. 9	.9		.0	.0	.0	.9		56.	56.	5	-
≥ 12000		54.8	36.1		37.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4		57.	57.		-
N 1000			60.0				-		61.3	-	1.	-	61.3	61.	61.	•	1
		57.4	60.0		61.3									61.	61.	9	(5)
		63.2	66.5	7.	4.89	0		4.89	8.	68.4	68.4	4.89	8	68.	4 68.	4 68.	-
≥ 7000		63.9	67.1	1:	6			6					9.	6	69.	9	0
0009 41		-	0.69		-	-:	1.		71.0	-		1.	71.0	-	71.	1	0
2000		-	71.0		2		2	2			2.	2	3	2	72.	-	4
		67.7			73.6	73.6	73.6							73.	73.	-	0
> 4000		69.7	73.6		5.					78.5		3	5.	75.	75.	-	-
> 3500		72.3		.9	8.	8	. 8	8			8.	8		78.	78.	1	-
						1	:			:	-		:	81.	81.	40	0
> 2500					84.5						;			84.	84.	•	-
≥ 2000		77.4	-		-			2			3	5	3	85.	65.	00	65
7 1800		77.4	:		5					3	3	3.		85.	85.	•	0
		79.4	-	3.	87.7	2	6			6	6	6	6	89.	89.		0
V 1200		79.4	83.9			87.7			89.0	89.7			89.7	89.	89.		-
		79.4		-	6	6	0	0		-	-	-	-	91.	91.	0	O
8 1		79.4		-			å			-	4	-		91.	91.	0	0
		79.4				6	d	0			-	-	-	91.	91.	0	0
202		79.4		7.	.6	6	-			1.	1:	-		91.	91.		-
		79.4	84.5			-	2	2		93.6	3	3		93.	93.		40
98		79.4		89.7	2.		. 4			95.5		3		95.	95.	0	-
		79.4			2	2.				96.1		•		96.	96.		-
38		79.4		89.7	6.26		*	96.1	1.96	97.4	4.76	:	97.4	97.		. 97.	
		79.4			92.9	3.	3	96.1	96.1	98.1	98.1	1.86	98.1	98.	98.	99.	-
8		19.4	3	89.7		-		96.8		98.7	7.86	1.86	98.7	98	300	100	0
0 4		79.4			92.9	93.6	9	9	96.8	58.7	98.7	98.7	98.7	98.	99.	100.	0

TOTAL NUMBER OF OBSERVATIONS

155

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# CEILING VERSUS VISIBILITY

STATION NAME	YEARS	
PERCENTAGE FREQUENCY OF OCCURRENCE	OF OCCURRENCE	
CONCITA YOUR ACCES	PAYATIONE,	NOURS

CEILING							VIS.	VISIBILITY (STATUTE MILES)	ATUTE MI	LES)						
(FEE)	5	9	S AI	4	e Ai	1 2%	2 AI	×1 ×1	71 71	Ā	AI NI	* AI	N %	≥ 5/16	AI X	AI
NO CEILING		49.7	53.6	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.	1 56.1	56.	20	80 .
7 18000			56.1	58.1	8	8		8	00	58	58	58.	28	588		
2 16000			56.1	58.1					8	58.	58.	58.	58	58.	-	4
2 14000		52.3	56.1		8.		8.	58.7	58.7	58.	58.	58.	58	58.	5	4
		54.2	58.1	0.09		•	d		60.7	60.7	60.	.09	00	.09	•	3
2 10000		55.5			3		3		8	62.	62.	62.		62.	0	
		55.5		•		•	62.6	62.6	62.6	62.	62.	62.	62.	•	9	X
0008		59.4		-	7.		8.		8	.89	68.	•		68.	9	0
- 1		0.09			6			69.7	69.7	69.7	69	0	69.7	6	-	-
0009 AI		61.9		70.3			1.		-	71.	71.	71.	71.	71.	-	-
- 1		61.9			71.0				71.6	71.	71.	71:	-	71.	-	-
		62.6			1.		2.		2.	72.	72.	72.	72.	72.	-	-
7 4000 1		63.2			2.		2.		2	72.	72.	72.	72.	72.	-	~
2 3500		65.8		74.2	74.8		75.5	75.5	75.5	75.5	75.	-	-	75.5		1 76
		67.1	-		0	-	-	1:		81.	81.	81.	81.	81.	0	-
2 2500		67.7			1:		2.		2.	82.	82.	82.	82.	82.	•	
- 1		69.0		-	3.	*	;		4.	84.	84.	84.	84.	84.	8	•
Z 1800		0.69		81.9	3.		. 4	+	4.	84.	84.	84.	84.	84.	0	
- 1		70.3	78.7		. 9	-	-		1.	87.	87.	87.	87.	87.	•	0
2 1200		70.3			-	7.	7.	7.	7.	87.	87.	87.	87.	87.	0	•
1		72.3	81.3	-	0	-	-	-		91.	91.	91.	•	91.	0	0
00 Al		72.3	:				-		-	92.	92.	92.	92.	.26	0	•
		72.3	-	6	2.	2.	2	2.	2.	93.	93.	93.	93.	93.	0	0
90 1		72.3	-		3		*			95.	95.	95.	95.	95.	0	0
		72.3	-	0	93.6	*	;	*	;	95.	3	95.	0	3	0	
900		72.3			3		3				3	95.	0	5	0	0
		72.3	-		3.	4				95.	3	95.	•	3.	0	
30		72.3			93.6		95.5		5	96.		96	0	96.8	0	0
		72.3	:		3.	3				97.4	8			98.1		
8			81.3	90.3	93.6	5	1.96	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98	4 99
		72.3			93.6		96.1		96.1	4.70			98	-700	90	*

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) BEAUFORT, SOUTH CAROLINA

1		113	-	7	7		-	-	2	0	-	~	-		9	-	*	i			-		9		-	17	6						0
	AI							59	29	99	67	69	69	70	72	74	1	80	83	83	85	86	89	89	16	92	92	95	96	97	96	6	100
	2														-						-	F . 3							5.4	9.0			
	Al							Wax								130					4	86			12.	4							
	\$/16	0	5.6	:	3		9	8.5														86.1										8.0	
	Al	2	2				1	3							7.00							8					6	6 1	0	0	0	0	
	Z Al																					86.					12.	. 4.	5.	.0			
				1		2	-			t August		1	-	-	1							_				X		170		200	2		-
	*	50.	55.	55.	55.	55.	56.	58,	58.	65.	67.	68	69	69	7	73.	76.	79.	82.	82.	84	86.	88	88	9	91.	92.	96	95.	96	97.	97.	67
	*		0	0	0					·	-		-				-		_	-		7	-		-				~	(1)	3.		3
	AI			55				58	00						7	73	76	19	82	82	84	86	88	88	90	16	92	46	95	96	97	16	26
	-				•	*	4.		8.3													5.0					6.	6.		6.1	00	7.4	
ES	ΛI	8	"		-	3	50	50	1	•	0	•	0	9	-	7	~	1	8	8	8	0	8	8	0	6	9			0	0	0	0
VISIBILITY (STATUTE MILES)	7.1						4	8.0	4			8	8	9.4	-	2	6.3	6	2	2.2		2	1	7.9	6	0	1.1		*	5.0	3	3	3
STATU	٨١	3		5	5	W		8	-	0	0	0	0	9	-	1	-	-	8	œ	20	30	8	0	20	0	0	0	0	0	0	0	0
LITY (	71	50.	55	55.		55.		58.	4		.0					2.	0	79.	2	2			1				1						5
VISIBI		*	-	-		~	-	10	0									0						4	0	-		M			0		
	AI	50	3.5	55		35	56.	57.	58	94	99	67	68	69	1	72.	76.	78.	81	81.	84.	85	87.	87	89	89	90	92	92	93	76	*	76
	21/2	0	-		-	4.	-	5	0							1.			-			0										~	~
	AI	50		54	54	54		57	57				67			72		78				48		80								9	2.4
		6.6	9	0.		9.4	5.6	7.3				7.1									4	3.3	-			•				4.6		9.6	•
	۸I	4	3	3	3,	*	2	10	*	•	9	•	9				-	77			8	00	00	8	8	8	8	8	8	8		8	
	AI.	9.9	-	4.1		;	3		9					7.		0	-		8		0	1:1	2		3.	. 4		5.		13.7			
		4	5	9	5	18		5			7		9		9					7		w w						7 8					
	N Al	48.	52.	52.	52.		53.		3		62.		3					72.		75.	76.		78.	78.					80.			80.	
		0	~	m		m	~	1		-			•	0	9	•		0	9	0	~	-					-	6		-	-	-	-
	۸I	45	69	6.4	65	64	50	51	5	36	57	29	59	09	61	62	99	.99	69	69	70	20	7	E	71	71	71	71	72	72	72,	72	72
	9		1		1																		1										
	Al																-																
9	6	ING	8	18000	8	14000	8	10000	8	8000	8	9009	00	4500	900	3500	8	2500	8	1800	8	1200	8	96	8	200	90	200	8	300	8	90	0
CEILING	75	NO CEILING	120000	71	14	71	7	71		% Al	- 1	8		VI		38		71	1	AI AI	1	1	1	AI.		A		Al		Al		A	
		Z																															

TOTAL NUMBER OF OBSERVATIONS

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VIS	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	5 41	9 Al	8 41	AI AI	E AI	2 2%	7	۷۱ ۲۲	VI 2/4	- AI	% AI	* AI	Z.	≥ 5/16	AI X	O AI
NO CEILING	0	44.3	50.5	53.1		54.6	55.0	55.1	55.1		55.4	55.4	55.5	55.5	55,	55.8
2 2000	9		-	0	62.	2	2	6	4	3	3	3.	3	3	63.	0
N 18000	•	50.8		60.8	62.	~	63.0				3		-	63.6	0	64.0
≥ 16000	9.			0	62.	2.	3.	3	-		3.			3.	63.	•
	0.		-	-	62.	2		3			*			3	63.	0
≥ 12000	0		-		63.							;			64.	65.0
	0.			4	.99	.0				7.	7.	7.	1.	7.	67.	9
0006 AI					99			1			-	7	1.	-	67.	•
3	0.	58.6	67.1	70.8		72.9	73.3	73.5		3.	3.	73.9	74.0	74.1	- 46	1
> 7000	•		-	:	73.	3						+				~
	•				73.	4		3			3	3	3	5.	75.	7
2000	C		68.7		74.	4		3			3		5		76.	1
	0	60.3			74.	3		3				•			76.	-
141	•	61.1		*	76.			77.2		-	7	-	-	-	77.	1
	0	61.6		*	76.			-		•	8		30	8		
3000	•	63.9		7.	79.			80.9		1.	1.	:	-	-	61.	
-	0.	66.2		.0	82.					. 4			. 4	. 4	84.	8
> 2000	0.	68.0	12.00		85.	. 9		7			1.	1.	1.	7.	87.	
	0.	68.1	78.		85.			-		-	-	-	1.	7.	87.	
> 1500	0.	69.6	Ordinario.	3.	88.	6		0		0	0	0	0	0	90.	0
	0.	66.69	81.	. 9	89.	6		1.		-	:	-	-	-	91.	0
1000	0.	70.6	8		90.	1:				3.	3.	3	3.	3.	93.	•
006	0.	70.7	82.	8.	.16	2.		93.4			3.		. 4	*	* 76	
008 AI	•	70.8	82.		91.	2		;		*	;	:		;	94.	0
	0.	70.9	83.	6	92.					5.	3	3	5.	5.	• 56	6
009	•	71.0	83.	6	92.			95.1		3.	3	2		•	1000	0
	0.	71	83.	. 6	. 66	*					.9	.0	6.96	.9	.78	6
V 400	0.		3.	6	93.		95.8			7	2	1.	97.6		97.	0
> 300	0.		83.6	69.9	3.	. 4	100	6.96	6.96	97.6	7.	97.8		98.2	98.3	•
1 200	0.	71.1	9	6			.9	-					8		96	200
8	0.	71.1			93.5	8.76	6.96	97.1	97.2	•	8	98.3		8	99.2	
٨١	0.	71.1	3	6	3.	94.8	•		-	8		8		8	99.	100.0

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TOTAL NUMBER OF OBSERVATIONS

14607

SKY COVER

STATION SEAUFORT, SOUTH CARDLINA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIH	(LS.T.)	0	-	2	6	,	10	9	7	œ	6	01	SKY COVER	OBS.
JAN	10	38.7	3.2	3.2	3.2	2.6	2.6	1.3	3.9	3.9	5.6	34.8	4:0	155
	*	37.4	100	3.9	2.6	2.6			5.2	7.1	3.2	36.1	5.1	155
	10	20.0	5.2	5.2	5.2	3.9	3.9	2.6	3.9	5.8	1,3	43.2	0.0	155
	01	20.0	5.8	1:3	4.5	1.9	5.8	3.2	7.1	6.5	4.5	39.4	6.1	155
	13	21.9	3.2	2.6	3.9	3.9	5.8	9.	8.8	0.6	5.2	38.1	6.1	155
	91	15.5	3.2	3.9	7.1	4.5	6.1	2.6	7:7	9.7	6.9	37.4	4.0	155
	61	19.4	5.2	3.9	7.6	5.2	3.0	5.6	7.1	3.9	5.5	34.2	5:7	155
	22	36.8	5.2	5.8	4.5	103	3.9	1.9	1:0	5.5	3.2	30.3	6.9	155
Į.	TOTALS	26.2	1.3	3.7	1.8		5.5	0.1	6.0	4.	0.0	36.7	5.6	1240

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SKY COVER

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PERCENTAGE FREQUENCY OF OCCURRENCE	
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-	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIN	(L.S.T.)	0	-	2	6	4	20	۰	7	<b>&amp;</b>	6	01	SKY COVER	OBS.
FEB	10	63.3	4.0	5.7	5.7	2.8	2.8	.7	2.1	8.5	1.5	19:0	3.7	*
	*	42.6	3.5	5.7	8.5	5.0	2.8	2.8	1:0	3.5	C.	23.4	3:7	141
	10	26.8	7.8	9.2	5.7	5.7	5.7	201	4.3	6.9		29.8	9.4	141
	10	29.8	5.7	5.0	2.8	5.0	5.0	2.8	2.8	4.0	8,5	26.2	5.0	*
	-	17.7	5.7	9.9	.,	6.4	2.8	3.5	5.7	7.8	9.2	22.7	6.4	*
	16	19.9	7.1	5.7	10.6	70.1	2.8	3.5	4.3	7.7	*	25.5	5.1	•
	9	22.0	10.6	5.7	5.0	3.5	9.0	5.0	5.7	5.0	7.1	24:1	9.0	=
	22	\$0.0	6.3	7:1	6.4	2.8	5.0	6.3	2.1	3.5	•	22.7	3.6	141
TOT	TOTALS	91.3	6.4	6.6	5.7	6.5	4.2	3.1	3.6	5.8	6.4	26.35	6.5	IIZ

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SKY COVER

BEAUFORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
	•	-	7	6	4	5	9	7	8	6	01	SKY COVER	OBS.
	32.3	2.6	4:5	4:3	6.5	4.5	3.9	1.3	6.9	2.6	91.0	6.4	155
	33.5	3.9	2.6	3.9	2.6	-	6.5	2.6	7.7	5.2	12.3	5.1	155
	10.1	3.9	2.6	9.0	3.0	3.2	6.5	3.2	8.4	7:1	38:1	6.9	155
and the same	14.8	5.2	5.2	7.7	3.9	3.9	1.9	6.5	9.0	9.6	36:1	6.2	155
	12.3	1.9	3.9	5.5	5.8	7.1	4.5	7:1	11:0	9.0	32.3	6.9	155
-	7.7	3.2	5.2	7.1	4:5	9.0	6.9	7.7	7:7	4.5	96.8	9.0	155
	11:0	4.5	6.5	1:6	3.2	3.2	3.2	4.5	5.2	9:1	40.3	6.5	154
	29.7	5.2	3.0	5.2	3.2	3.9	3.2	7.7	3.6	5.0	92.9	5.1	185
	10:7	3.6	1				4		1.5	5.3		3	

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SKY COVER

BEAUFORT, SOUTH CARDLINA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	150	150	150	150	150	150	150	150		1200
MEAN		3.4	3.2	5.0	6:4	5.3	1.6	5.1	9.4		3
	10	18:7	19:3	6.0 22.0	24.7	6.7 21.3	22.0	22.7	10.7		21.2
	6	4.0	2.0	0.0	3,3 24:7	6.7	3.3	9.0	5		3.8 21.2
	8	4:7	2.7	12.7	6.7	11.3	10.7	10.0	3.3		0.8
KY COVER	7	1:3	2.0	5.3 12.7	7.3	7.3	8.7	6.7	2.0		5.1
OF TOTAL S	9	0.0	1.1	5.3	4.0	5.3	0.0	8.0	4.7		5.3
OF TENTHS	10	2.0	•	0.0	2.0	5.3	4.0	5.3	2.0		
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	•	2.7	0.0		6.7	313	1.00	0.0	0.0		3.9
PERCENTAGE	е п	5.3	4.0	3.3	0.0	1:4	0.4	5.7	1.3		3
	2	6:3	6:7	0.0	5.3	10:0	8:0	2:7	7:3		
	-	2.7	5.3	3,3	6.7	4.7	7.3	6.7	3.3		5.0
	0	50.0	18.7	30.0	27.3	20.0	21.3	23.3	0.4		33.1
HOURS	(1.5.7.)	10	*	10	9	13	97	67	77		SIN
	MONIN	APR									TOTALS

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SKY COVER

BEAUFORT, SOUTH CAROLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
	(L.S.T.)	0	-	2	8	*	40	•	7	<b>&amp;</b>	6	01	SKY COVER	NO. OF
MAY	5	28.4	4.5	7:7	7.7	7.7	4.5	3.9	5.8	9.7		20.0	4.4	188
	8	36.2	11.9	7.1	5.2	701	3.9	7.7	8.8	4.9	1:0	1.9 20.6	6:3	155
	60	14.8	6.5	5.2	1:3	6.5	8.4	5.2	9.6	5.8	8.4	29.7	0.0	158
	9	17.6	3.9		4.5	200	3.9	5.2	9.7	16.1 11.0 25.8	1100	25.8	6.3	159
	=	5.2	2.6	3.2	3.9	8.9	9.7	5.2	10.3	10.3 16.7	11.0 20.5	20.5	7.0	155
	9	3.9	2.6	4.5	3.9	0.0	7.1	5.2	5.2 11.0 16.8	16.8		7,7 28.4	6:0	155
	67	10.3	3.2	4:5	5.8	6.0	7.7	7.1	7.1	11.0	9.0	27.7	6.3	189
	77	26.5	3.2	7.7	7.1	101	3.9	2.6	11.0	8.4	6.11	20.0	4:7	155
0	TOTALS	17.6	9.6	0.8	•	1	į	8.5	1.9		1.0	4.40	:	340

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SKY COVER

BEAUFORT, SOUTH CARDLINA

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	NO. OF OBS.	150	150	150	150	150	150	150	150			-
MEAN	SKY COVER	4:9	4:7	6.7	6.5	7.0	7.0	7.1	5.5			
	10	24:7	19.3	28.0	21.3	29.3	26.7	30.7	27.3			0.30
	6	5.3	\$ to 19.3	8.7	6.9	10.7 29.3	8,7 26.7	14:7 30:7	4.0 27.3			0.20
	8	0.4	7.3	16.0	20.7		3.3 10.7 21.3	7.3 14.0	6.0			
SKY COVER	7	6.0	6:7	4.0 11.3 16.0	7.3 11.3 20.7	9.3 14.7	10.7	7.3	8.0			0.00
S OF TOTAL	0	6.7	7.3	4.0	7.3	8.7	3.3	0.0	4.0			
Y OF TENTH	8	5.3	4.0	7.3	0.0	0.9	8.7	4.7	6.7			3
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	4	1.0	0.0	3.3	2.7	5.3	0.0	0	1.00	-		
PERCENTAG	8	9.0	10.0	4:0	3.3	4.7	4:7	5.3	10.0			. 4
	2	0.0	8.0 10.0	5.3	0.0	2.0	1.3	4:7	8.0 10.0			
	-	124	2.	4.0	0.4	4.0	2.0	2.7	2.0			
	0	24.7	26.7	8.0	10.0	5.3	6.7	0.0	17.3			
HOURS	(L.S.T.)	8	**	20	9	2	91	67	22			STI
HINOM		NOT						1				TOTALS

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BEAUFORTS SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JUL 01 25.2 5 5 6 5 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 9 6 6 9 9 6 6 9 9 6 6 9 9 6 9 9 6 9										MEAN	IOIAL
04 26.5 07 9.0 10 9.0 13 .6 19 7.7 22 16.8	2	6	•	8	9	1	<b>&amp;</b>	6	01	SKY COVER	NO. OF
9.0	5.2 8.4	0.6	5.2	4.5	5.8	5.2	9.0	3.9	3.9 16.7	4.0	155
9.0	6.5 9.7	9.7 11.0	70.1	8.8	5.8	9.0	7.7		1.3 11.6	4.0	155
9 9 1 1 8 9 1	2.6 7:1		5.2 10.3	3.9	4.5	9.0	4.5 9.0 14.2 9.7 24.5	1.0	24.5	6.3	155
9 9 1 8 9	.3 3.2	5.6	3.9	3.2	4.5	16.1	4.5 16.1 13.5 16.6 22.6	10.0	22.6	6.8	155
9: 7: 7	2.6	5.2	5.2	7.1	7.7	12.3	7.1 7.7 12.3 19.4 13.5 26.5	13.5	26.5	7.5	155
16.8	2.6	2.6	4.8	5.8	5.8 11.0		8.4 15.5 14.8 27.1	14:0	27.1	7.3	155
16.8	2:6 2:6	5.2	5.2	6.5	4.5	7:1	6.5 4.5 7.1 13.5 8.4 36.8	4.0	96.8	7.0	155
	3.9 7.7	7.7 11.6	7.1	2.6	1.1	4.5	9.7		6.5 22.6	5.3	155
TOTALS 11.9 2	2.9 5.5	7.0	9.9	4.9	4.9	9.0	9:0 12:8		9:4 23:8	1.9	1240

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BEAUFORT, SOUTH CARDLINA

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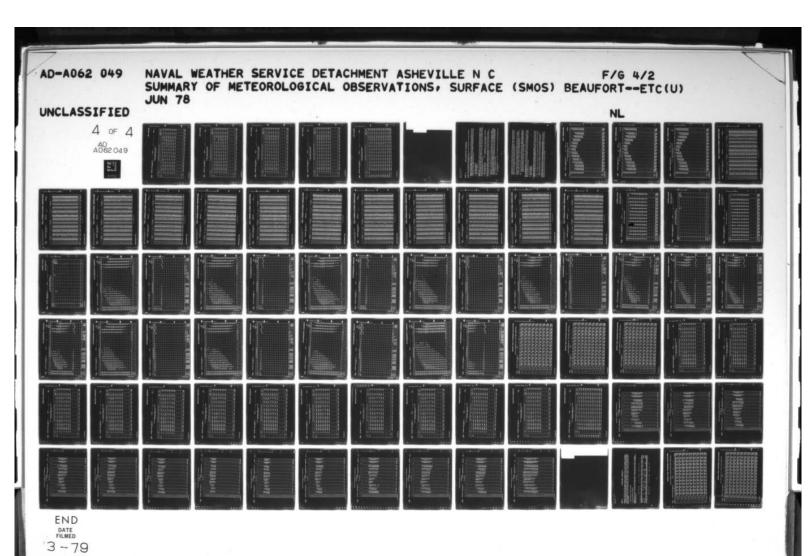
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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

AUG 01 04 07 07	0				SE TREWOLING		S OF TOTAL	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER				MEAN	TOTAL
		-	2	8	4	20	9	7	∞	6	0	SKY COVER	OBS.
04	26.5	4:5	5.2	11.0	7.1	5.2	7.1	7.1	3.9	3.9	19:1	***	15
07	27.7	3.2	8.4	6.5	9.7	7.7	3.9	5.2	6.5	4.5	16.8	***	151
	5.2	5.2	9:7	4.8	11.0	8.4	7.1	7:7	7.1	5.2	25.2	5.9	155
9	7.7	3.2	2.6	1:3	6.5	5.8	6.9	9.7	23.2 13.5	13.5	20.0	6.8	15:
13	9	1.3		6.1	70.1	7.1	4.8	12.9	23.9	14.0	21.3	7.5	155
91	•	2.6	3.9	7.7	9.0	4.0	5.5	9.7		13.5 12.9	26.5	7.0	159
19	5.8	2.6	5.8	5.2	6.9	4.8	7.7	5.8	8.4	11.0	32.3	9.9	159
22	17.4	6.5	5.8	11.0	9.0	6.5	5.8	3.2	7.7	6.9	22.6	5.2	159
								e.					
TOTALS	n	3.6	5.3	6.7		7.2	6.9	7.7	11.8	9.1	22.9	0.0	1240



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SKY COVER

BEAUFORT, SOUTH CARDLINA 93831 STATION

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0	-	2	6	•	8	9	7	80	٥	01	SKY COVER	NO. OF
SEP	10	23.3	6.7	7.3	10.0	7.3	3.3	3.3	3.3	11.3	1:3	22.7	4:4	150
3	*	26.0	3.3	8:7	8.0	7.3	2.0	2.7	9.0	6.7	3,3	24.0	•••	150
	10	8.0	3.3	3:3	6.7	5.3	8.7	4.0	5.3	14:0	13,3	28.0	6:7	150
	9	8.7	3.3	4:1	2.0	4.7	4.0	4.0	7.3	16.7	19:7	30.0	7.0	150
	13	0.0	1:3	2.7	2.0	1.3	7.3	3.3	9.0	17.3	19:7	36.0	1.6	150
	92	0.4	2.7	3.3	0.4	3.3	8.7	1.3	8.7	16.7 18.7	18.7	28.7	7.3	150
	61	6.7	2.0	4:0	4:1	0.9	0.9	3.3	10:7	16.0	7.3	31.3	0.0	150
	22	15.3	2.7	7.3	6.0	9.3	8.0	4.7	8.0	9.3	1:3	24.7	5.6	150
Ď.	TOTALS	12.5	3.2	5.2	5.4	5.0	0.0	3.3	7.4	7.4 13.5	9.6	28.2	6.3	1200

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SKY COVER

BEAUFORTS SOUTH CARDLINA

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	0.08 0.04	155	155	155	155	155	155	155	199		
MEAN	SKY COVER	2.9	2.0	4.0	6.9	5.0	1.5	4:3	3.3		1.1
	10	13.5	14.2	23.2	20.6	14:2	21.9	20:02	14.8		
	6	2.0		9.9	4:5	11.0	7.7	3.2	3.2		
	<b>∞</b>	5.2	4.5	9.7	7.7	12.3	7.7	6.5	4.5		
SKY COVER	7	3.9	2.6	4.5	2.6	5.8	12.3	5.2	4:5		
S OF TOTAL	0	113	2.6	3.9	4.5	5.2	2.6	3.9	4.5		
Y OF TENTHS	8	6.5	31.2	2.6	5.2	9.4	6.5	4.5	6.6		
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	-	9.	9.6	6.0	9.6	3.9	600	5.5	1:0		
PERCENTAG	8	3.9	6.9	3.2	5.2	9.6	4.8	7.1	4.5	9	•
	2	5.2	6.5	12.3	3:0	5.8	4:5	7:7	6.5		
	-	6.9	6.0	5.8	5.2	6.5	5.2	4.6	4:5		•
	•	94.8	1.64	24.5	34.8	21.3	18.7	18.4	\$ . 99		
HOURS	(LS.T.)	8	*0	07	9	13	97	6.	22		ITS
n Liver	MONIN	100									TOTALS

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SKY COVER

93831 STATION

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BEAUPORT, SOUTH CARDLINA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

72.401.	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	•	-	2	6	-	3	9	7		6	9	SKY COVER	NO. OF
NO.	10	45.3	2.0	6.0	4:7	4.7	1.3	0.4	0.0	9.3	3,3	21.3	3,6	150
	40	42.7	3.3	0.4	6.7	3+3	2.7	3.3	2.0	0.0	4.7	21.3	4:0	150
	70	22.0	6.7	0.0	4:7	3+3	4.7	4.0	5.3	2.0	10.7	30.7	5.5	150
	10	30.0	0.0	4:7	4.0	4.7	1.3	11.3	0.0	6.7	7.3	T.3 28.0	5.0	150
	13	25.3	4:7	6.0	0.9	3.3	4.0	2.7	4:1	8.0	5.3	30.0	5,3	150
	9	7.02	6.0	8.0	4.0	7.3	0.0	3.3	2.7	1.9	5.3	28.0	5.3	150
	19	28.7	5.3	9.0	0.0	7.3	2.0	0.0	5.3	7.3	1:3	22.7	4.5	150
	22	64.3	2.0	7.3	5.3	513	3.3	2.0	4.0	2.7	4:7	22.0	3.0	150
IOT	TOTALS	32.0	4.5	6.3	5.2	6.4	3.2	3.3	:	9.6	5.3	25.5		1200

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SKY COVER

BEAUFORT, SOUTH CAROLINA 93831 STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	ER OBS.	155	155	159	199	155	185	155	155		
MEAN	SKY COVER	4:7	4:7	5.6	6.1	6.2	6.1	5.3	4:0		
	01	\$2.3	31.6	33.5	37.4	36.8	40.0	35.5	91:0		
	6	3.2	3.2	8.2	6.9	9.0	4.6	7.1	5.0		
	80	3.9	3.9	5.8	6.9	7.7	5.8	3.9	4.5		
SKY COVER	7	3.9	3.2	6.5	5.2	4.5	3.9	3.2	3.2		
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	•	6.5	6.5	8.8	5.8	3.9	1.3	1.3	3.2		
Y OF TENTHS	8		100	=	•		2.6	2.6	100		
E FREQUENC	•	109	31.2	405	8.9	6.0	113	302	109		
PERCENTAG	6	6.5	9.1	6:0	4.5	6.9	6.9	5.2	5.2		
	2	4.5	6.5	3.2	5.2	3.2	1,1	3.2	3:9		
	-		312	7.1	2.6	3.2		5.2	4.5		
	۰	40.0	38.7	22.6	4.02	10.0	19:1	29.7	36.0		
HOURS	(LS.T.)	10	8	20	9	13	4	67	22		
	MONTH	DEC									

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SKY COVER

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BEAUFORT, SOUTH CAROLINA

93831 STATION

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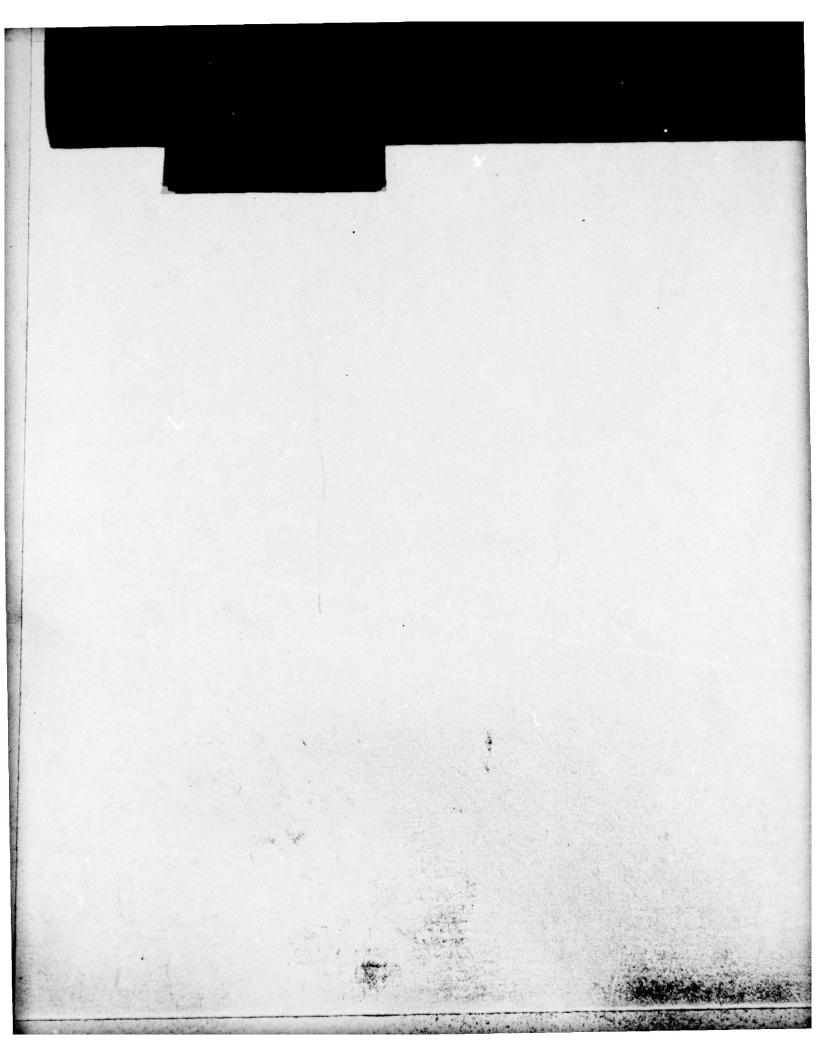
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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	-	2	8	•	10	•	7	<b>&amp;</b>	6	0	SKY COVER	OBS. O
JAN	ALL	26.2	:	3.7	5.1	3.2	3.5	6.1	5.3	4.0	0.4	36.7	3.6	12.
88		21.3	9.9	6.8	5.7	6.19	4.2	301	3.6	5.8	4:3	26.3	4.5	112
MAR		19.7	3.6	6.3	6.9	602	6.5	0.4	1.6	7.3	5.7	35.0	5.9	123
APR		33.1	5.0	6.3	4:9	3.9	3.4	5.3	5.1	8.0	3.8	21.2	4:4	120
HAY		17.6	3.6	9.0	4:0	6.3	1.9	5.3	8.7	11.4	4.0	24.8	5.7	124
TON		13.1	3.0	4:0	6:3	4.8	feel	5.9	8.8	13.0	8.2	25.9	6.2	120
300		11:9	2.9	5.5	7.0	9.9	4:9	4.9	9.0	12.8	4.0	23.0	6.1	124
AUG		4:11	3.4	5.3	6.7	8.2	7.2	6.5	7:7	11.8	9.1	22.9	0.0	124
SEP		12.5	3.2	5.2	3.4	9.6	0.9	3.3	7.4	13.5	9.6	28.2	6.3	120
130		34.8	5.6	9:0	9.6	4.3	6:0	3.6	5.2	7.3	4.5	17:0	1:4	124
NOV		32.0	6.5	6.3	5.2	6.0	3.2	3.3	4.3	3.6	5,3	25.5	4:1	120
DEC		28.0	3.9	*:	6::	1:4	1.8	3.8	4.2	5.3	1:0	34.0	5.5	Ž
5	TOTALS	22.6	4.1	5.4	5.7	5.0	4.7	4.4	6.2	9.0	6.4	26.7	5.4	1460



#### PART E

### PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentation follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows: -
- Daily maximum temperature
- . Daily minimum temperature
  - c. Daily mean temperature
- deviations are computed for months and annual when four or more values are present for any column. Two tables available. Extremes are provided for a month if all days for a month contain valid observations. All months Extreme values - derived from daily observations with extreme value given for each year and month of record for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard of daily extreme temperatures are prepared: ò
- a. Extreme maximum temperature b. Extreme minimum temperature
- NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided: 3
- Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb which may require two pages in some cases.
- A percentage frequency in this table of ".0" represents one or more occurrences amounting to less

- Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\sum X^2)$ , sums of values  $(\sum X)$ , means  $(\sum X)$ , and standard deviations  $(\sigma X)$ . The number of observations used in the computations for each element is also shown. è.
- dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month. At the lower right of the form are given the mean number of hours of occurrence for six ranges of ;
- Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated. NOTE:
- Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- 1. Dry-bulb temperature
- . Wet-bulb temperature
- c. Dew-point temperature
- Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary. è.
- Percentage frequency of occurrence of dry-bulb temperature versus wind direction This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

#### DAILY TEMPERATURES

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE SEP 57-77 AUG. (FROM DAILY OBSERVATIONS) JU. Ň MAY BEAUFORT, SOUTH CAROLINA APR. MAR. FEB. JAN. TEMP (°F)

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13.283 29.5 44.6 ANNOAL 36.4 96.5 99.2 99.2 18.4 0 7.267 6.331 5.219 4.182 4.638 5.367 6.838 8.618 9.279 628 643 530 642 651 629 651 650 651 DEC. Š 0 S. 95.1 16.5 54.2 00.00 99.00 45.0 98.6 100.0 250777 100.0 40.66 100.0 98.3 11.5 55.7 81.1 100.0 9.838 9.397 99.2 95.0 81.8 90.8 9.7 . 3 2.1 25.3 35.4 20.2 85.5 73.3 94.9 100.0 10.771 94.5 15.0 46.3 64.5 76.8 58.0 10 20 25 200 69 69 45 350 TOTAL OBS. MEAN S.D. M A A Al Al Al Al ٨١ AI AI AI A AI AI Al M AI AI AI AI AI AI N A

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#### DAILY TEMPERATURES

	TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	J. N.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
AI	80						2	. 2						
AI	7.5							31.3	28.4	7.2	6.			6.8
AI	70				1.3	16.3		90.5	87.7		6.2	6.		26.6
AI	60			103	13.7	53.8	89.2	99.5	0.86	80.6	23.2	*	9.	39.2
AI	90	1.9	2.8	10.6	36.5	76.7			100.0	0.46	42.8		3.7	
AI	25	8.1	6.6	25.0		92.1	100.0			98.7	63.1		10.4	58.1
AI	50	16.6	19.0	42.6		98.4				9.66	80.8		20.1	67.1
AI	45	28.7	31.3	59.4	91.2	99.8				100.0	91.2	61.0	33.6	79.2
AI	40	45.2	81.9	78.9	97.8	100.0					97.2		50.3	
AI	39	63.9	70.1	91.5							9.66		9.69	90.7
AI	30	79.2	88.7	98.1							100.0		86.2	95.9
A	2.5	-	96.6	99.8								60.6	96.2	98.7
A	20	98.1	- 20	100.0								8.66	900	99.7
4	1.5	4.66	100.0									100.0		6.66
	10	100.0											100.0	
AI														
<b>A</b>														
AI														
AI														
٨														
AI														
AI							1							
										- II				
	MEAN	38.6	*00	47.5	95.9	63.9	0.0	73.1	72.7	9.89	57.3		40.5	56.3
	S. D.	10.322	4						-					֡
						2.030		- 1	3.024	- 1	8.660		0.000	14.751

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#### DAILY TEMPERATURES

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BEAUFORT, SOUTH CARDLINA

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

× 5			-										
						.3							•
2 85					6	6.9	12.	10.3					2.7
≥ 80				1.0	10.6	40.5		67.4		1.8			19.2
2 75			1.0		48.0	63.5	98	69.6	72.0	16.0	1.7		36.0
2 70	1.0	1.2	8.5	33.3	74.4	97.3		99.2		42.0		1.5	47.2
59 2	5.5	9	23.9	60.1	92.9	99.5		100.0		4.20		7.5	
09	14.2		45.2	82.0	98.8	100.0			99.8	84.2			-
> 55	28.9		63.2	94.7	100.0				100.0	94.8			76.9
20	46.0		82.6	99.2						99.2			85.0
45	63.7		1000	100.0						99.8			-
40			1							100.0			
35	92.1	97.7	99.7									97.4	98.9
	98.2		100.0								100.0		
25	99.2	-											_
	100.0											100.0	100.0
				6									
AI													
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2													
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MEAN	48.6		87.8	0.99	73.2	4.5	81.3			67.2	58.1	1 1	63.8
S. D.	268.6	8.970	8.629	969.9	9.456	4.211	2.992	3.456	4.767	7.194			13.689
TOTAL OBS.	029		620	627	599	630	642			A50	000		

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- MARCH

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

BEAUFORT, SOUTH CAROLINA STATION NAME

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1958-1977

JANUARY YEARS STATION

	MEAN LEWIS	CIVIL	The same of the sa									
_	AVERAGE	AGE	AVERAGE	AGE	EXTREME	EME		AVERAGE	36	EXTREME	EME	
DAY	₽°	၁့	° F	၁ွ	9 6	၁့	DATE	₽°	၁့	9°F	၁ွ	DATE
	50.5	10.3	89.0	15.0	7.3	22.8	1975	61.9	5.5	27	=2.8	1977
	48.0	0	56.6	13.7	76	24.4	1965	39.5	4.2	26	24.4	1969
	6.67	0.0	58.8	0	72	22.2	1966	41.0	5.0	29		1958
	69.2	9.6	59.2	15.1	73	22.8	1971*	39.2	4.0	26	.3.3	1970
	66.5	8 1	54.9	12.7	71	21.7	1973	38.0	3.3	26	4 4.	1970
	67.6	8.6	55.9	13,3	7.3	22.8	1974	38.8	3.8	23	5.0	1969
	1 6 7	0.3	58.4	16.7	70	21.1	1976*	39.0	3.9	23	-5.0	1970
	65.2	7.3	53.9	12.2	73	22.8	1965	36.4	2.4	16	-10.0	1970
6	86.8	8.2	56.1	13.4	75	23.9	1074*	37.4	3.0	10	-12.2	1970
10	67.4	8.6	87.9	16.6	80	26.7	1972	36.9	2.7	10	12.2	1970
11	46.3	8.1	99.4	13.0	77	25.0	1974	37.7	3.2	17	8.3	1970
12	67.5	8.6	56.0	13.3	70	21.1	1975*	19.1	3.9	23	-5.0	1977
13	48.1	6.0	58.7	16.8	77	25.0	1960	37.5	3.1	21	-6-1	1962
14	47.6		56.8	13.8	72	22.2	1960	38.3	3.5	20	-6.7	1970
15	48.1	9.0	57.5	16.2	77	28.0	1974	38.8	3.8	19	-7.2	1964
16	45.3	* *	4.88	13.1	7.8	28.6	1974	38.0	1.7	21	-6-1	1972
17	44.3	8	84.5	12.5	7.8	25.6	1974	33.9	111	13	-8-3	1977
18	8 99		56.3	13.6	20	21.1	1973	16.7	2.6	20	-6-7	1977
19	68.8		84.8	12.5		21.7	1973*	37.0	2.8	*	8.9	1977
20	46.2	7.0	56.0	13.3	68	20.0	1972	36.3	2.4	19	=7.2	1971
21	67.8	8.8	87.8		7.6	34.4	1974	27.7	3.2	23	5.0	1971
22	0.84		4.65	15.2	76	24.4	1974*	36.6	2.6	10	-7.2	1970
23	49.7	8.8	59.3	15.2	80	26.7	1974	40.1	4.5	21	-6-1	1970
24	S1.8	11.0	62.2	16.8	77	25.0	1974	61.3	5.2	22	.5.6	1960
25	80 8	10.3	8 09	16.0	80	26.7	1974	40.2	4.6	20	-6.7	1963
56	62.2	11.3	62.0	16.7	78	28.6	1974	42.3	5.7	28	-2.2	1968
27	80.0		60.7	. 5	7.8	25.6	1974		5.1	23	5.0	1968
28	2 67	6.7	60.0	18.4	7.0	28.6	1975#	39.1	3.9	23	-2.8	1991
59	50.1	10.1	59.7	13.5	8.1	27.2	1975	40.5	4.7	23	-2.B	1977
30	81.2	10.7	62.8	17.1	70	26.1	1975	39.7	4.3	12	-	1966
31	50.2	10.1	60.B	and the	8.3	28.3	1975	39.7	6.4	18	7.8	1966
Monthly									-			

\*ALSO ON EARLIER YEARS

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### NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

	BEAUFORT,	SOUTH	CAROLIN	ANI	
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93831 STATION

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1958-1977

YEARS

FEBRUARY

MONTH

		DATE	1965	1977	1965	1970	1970	1963	1977	1977	1977*	1971	1973*	1973	1971*	1968	1960	1958	1958	1958	1958	1958	1956	1977	1963	1964	1967	1967	1974	1963	1964			1958
MP	ME	၁ွ	-3,3	+++-	-2.8	-6.3	-3.0	-7.8	-5.6	-3.9	-1.7	-5.6	-6.1	-5.0	-1,1	+*+	-2.2	-3.9	-8.9	-8.3	-5.6	-3.9	-3.9	-1.7	-2.2	9.0-	-6.7	-8.3	-5.0	9.0-	1.1			-8.9
MINIMUM TEMP	EXTREME	°F.	26	42	27	13	52	1.8	22	25	53	22	21	23	30	72	28	2.5	16	11	22	25	25	62	28	31	20	13	23	31	34		-	92
Σ		၁့	4.4	5.5	3,3	1.7	3,3	4.9	5,1	3.1	3.8	2,8	614	619	4.3	4.2	2.9	1.9	6.4	9.4	6.1	4.1	3,3	3.1	1.9	9.9	5,2	4.6	4.8	9.9	5.3			4.7
	AVERAGE	٩,	39.9	41.9	38.0		37.9	40.7	41.1	37.5	38.8	37.0	39.8	39.7	39.7	39.5	43.1	43.0	40.8	41.7	43.0	39.3	38.0	41.2	43.0	43.6	41.3	40.3	40.7	43.5	41.6			40.4
		DATE	1975	1974	1962	1962	1962	1976#	1963	1965	1962	1959	1965	1965	1976	1962	1961	1976#	1976	1975	1976	1461	1971	1962	1975*	1972	1972	1972	1962	1962	1976			1962
<u>a.</u>	ME	၁့	27.2	25.6	24.4	23.9	23.3	21.1	22.2	23.9	22.8	27.2	23.9	23.9	24.4	27.2	25.0	25.0	25.6	26.7	25.6	21.7	23.9	26.1	25.0	23.9	26.1	26.7	27.2	28.9	23.3			28.9
MAXIMUM TEMP	EXTREME	٠ ۲°	81	78	16	75	74	10	7.8	75	73	81	75	75	76	81	11	11	78	80	7.6	7.1	73	79	11	75	44	80	18	84	74			84
MA	je	၁့		15.6	13.3	12.8	15.4	15,8	15.3	14.7	13.5	14.2	16.6	16.2	16.0	16.8	17.3	15.9	14.6	16.3	16.8	15.7	16.1			17.2								15.9
	AVERAGE	٠ ١	4.09								56.3		61.8				63.1				62.2	60.3	6.09	6000	59.9	65.9	62.5	65.9	63.2	65.5	62.6			9009
		၁့	10.1	10.6	8.3	7.3	9.3	10.3	10.2	6.8	8.7	8.5	10.4	10.2	10.1	10.4	11.7	11.0	9.6	10.9	11.4	9.9	9.7	10.6	10.8	11.8	1111	10.9	1111	12.5	11.2			10.3
MEAN TEMP	AVERAGE	٦,	50.2	51.0	47.0	45.1	48.8	9005	50.3	48.0	47.6	67.3	80.05	50.4	50.2	90.8	53.1	51.8	49.64	51.6	52.6	8.64	49.4	51.1	91.5	53.2	51.9	51.6	52.0	54.5	52.1			50.5
		DAY	1	2	3	4	2	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	72	28	29	30	31	Monthly

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\*ALSO ON EARLIER YEARS

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### NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

BEAUFORT, SOUTH CAROLINA

STATION

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STATION NAME

1958-1977

YEARS

MONTH MARCH

MINIMUM TEMP	AGE EXTREME	J° O°	6.7 28	•				7,3 24						10.2	4.6	8.2															12.4 40		•	8.6 24
	AVERAGE	, F	44.1	44.2	45.1	46.0	46.7	45.2	44.1	43.0	44.0	45.6	46.3	50.3	•	46.8	47.9	49.1	45.3	44.9	49.1	1.64	49.2	46.5	44.9	46.5		48.2	48.0	90.0	94.4	54.8	53.2	9-67
		DATE	19	-	1976	1967	1974	_	1961	_	_	_	1967	2 1967	1976	_	1967	7	1963	1963	1963	1974*	1968	1966	1975	1965		1		_		1968		14401
TEMP	EXTREME	၁့	25.0	27.1	27.	27.	28.3	27.	28.9	28.9	30.0	32.	29.4	32.	28.1	28.9	30.0	29.0	27.	31.	30.0	29.1	29.4	26.	27.	28.	25.6	29.6	25.6	27.	28.	30.6	27.6	
MAXIMUM TEMP	EX	4°	2 77		9 82	7 82	83	3 82	9 84		4 86	90	4 85	2 90				7 85	3 82	89	3 87	8 85	8 85	79	81	0 83		5 85		7 81	8 84	5 87		40
	/ERAGE	၁့	19.	18,0				2 17.	-1	17.	18.	18.	19.	2 21.	20	20.	19.	19.	-			5 20.1	19.	19.		8 21.	20.		20.	20.	22.	5 22.	21.	
	4	<b>4</b> °	66.	64.4	66.	65.6	65.3	63.	63.6	63.6	69.	65.8		70.		69.	67.	67.	64.	67.0	70.	69.	67.6	66.	67.0	69.	68.0	68.	69.	69.	73.0	72.	71.	
EMP		o°.	12.9	12.4	13,1	13.2	13.3	12.3	12.2	12.1	12.6	13.2	13.7	15.7	14.9	16.1	14.3	14.6	12.8	13.3	15.4	15.3	16.7	13.6	13.3	14.6	16.5	16.7	14.8	15.3	17.6	17.6	16.8	
MEAN LEMP	AVERAGE	٥,	55.3	54.3	35.6	55.8	56.0	54.2	53.9	53.7	34.6	55.7	56.6	-	58.9	57.4	57.8	58.3	55.1	95.9	59.8	59.6	59.4	56.4	55.9	58.2	58.1	58.5	58.6	59.6	63.7	63.7	62.3	
	L	DAY	1	2	3	4	2	9	7	80	6	10	=	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	22	28	29	30	31	Monthly

\*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

BEAUFORT, SOUTH CAROLINA

STATION NAME

STATION

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12595 94981

1958-1977

YEARS

ARS

APRIL

MONTH

1971\* 19744 1963 1962 1962 1975 1972 1979 1962 1962 1961 9.0 1.8 9.6 200 6.3 7.8 6.7 10: EXTREME MINIMUM TEMP 2 0 0 0 mm 1221282 90 11.0 11:4 12.6 6.0 0.0 11.3 15.4 12.7 AVERAGE 52.0 53.6 51.6 52.3 53.2 59.8 59.4 59.8 58.4 1962 1967 1972 1972 1967 1967 1968\* 1968 1967 1963 1968 1963 1958 1975 1970 1958 1968 32.2 28.9 29.4 32.8 31.7 32.2 33.3 33.3 31.7 28.3 33.3 29.4 28.3 31.7 33.9 31.07 32.2 EXTREME MAXIMUM TEMP AVERAGE 73.2 71.06 74.2 80.6 74.5 72.9 79.4 71.2 74.2 91.0 75.6 74.1 18.2 17.0 16.3 17.5 17.6 20.3 21.6 17.7 17.2 16.8 20.7 20.2 21.1 20.1 20.1 MEAN TEMP AVERAGE 63.5 68.2 62.6 64.5 84.8 70.0 62.0 65.9 61.4 63.0 61.3 63.9 0.40 65.8 68.5 69.2 70.9 62.4 62.7 60.7 70.0 1.89 68.1 Monthly 10 = 12 13 14 15 16 11 18 19 22 25 20 21 23 24 56 28 53 30 7 2 9 6 27 œ

\*ALSO ON EARLIER YEARS

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# DAILY AVERAGE/EXTREME TEMPERATURES

TE SAN

BEAUFORT, SOUTH CAROLINA

93831 STATION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

STATION NAME

1958-1977

YEARS

MONTH MAY

MEAN LEMP											
A	AVERAGE	AVER	ERAGE	EXTREME	EME		AVERAGE	36	EXTREME	ME	
	၁့	, F	၁ွ	9 F	၁ွ	DATE	٩,	၁့	9°F	ွ	DATE
-	21.5	79.9	26.6	16	32.8	1959	61.4	16.3	46	7.8	1963
-	21.6	79.9	26.6	93	33.9	1959	61.7	16.5	14	5.0	1963
89.89	21.0	79.1		9.8	35.0	1959	60.5	15.8	16		1963
-	20.2	77.8		93	33.9	1939	58.8	14.9	84	8.9	1971
2	20.3	78.7	25.9	87	30.6	1977	58.2	14.6	48		19764
,	20.8	90.0		06	32.2	1977	58.2		90		1973
3	21.8	80.6		63		1977	61.9	16.6	52	111.1	1958
4	21.9	80.4		46	34.4	1959	62.4		64		1958
-	22.3	81.5		76	34.4	1962	62.6	17.0	20	10.0	1976
0	21.1	78.6	25.9	06	32.2	1963	61.3	16.3	6.0	8.9	1961
	22.1	81.3		63		1963	62.3		84	8.9	1977
72.0	22.2	81.2	27.3	88	31.7	1973	62.8		96	7.8	1969
1	22.6	82.0		66	33.9	1961	63.3	17.4	64	4.6	1960
2	22.9	82.3		92		1970*	64.1	17.8	25	11.1	1960
3	22.9	82.2		96	35.0	1970	4.40	18.0	22	13.9	1958
5	23.1	82.9		63	33.9	1963	1.49	17.8	53	12.8	1973
1	23.4			98	*	1963	4.49	18.0	53	11.7	1973
1	23.9	84.8		95	35.0	1960	65.3	18.5	52	11.1	1973
4	23.6		28.9	63	33.9	1962	8.49	18.2	52	1111	1976
9	23.7	83.6		93	33.9	1964	63.5	18.6	16	10.6	1976
3	26.1	84.7		56	35.0	1962	62.6	18.8	57		1972
0	23.9	83.7	28.7	93	-	1962*	4.99	19.1	24	12.2	1968
0	23.3	81.9		46	34.4	1975*	0.99	18.9	58		1961
8	23.8	83.8		96	35.0	1960	65.8	18.8	16		1961
3	24.1	84.0	28.9	46		1975	66.3	19.2	34	12.2	1961
0	24.4	84.5		16	36.1	1962	67.5	19.7	98		1972
2	23.5	82.0	27.8	66	36.1	1962		19.2	24	18.2	1961
0	23.9	83.2	28.4	16	34.4	1967*	66.7	19.3	53	11.7	1961
1	23.9	83.8	28.8	06	32.2	1967*	0	1001	57	13.9	1661
8	24.3	84.3	29.1	16	34.4	1974	67.3	19.6	34	12.2	1971
3	24.6	84.6		16	34.4	1974		19.9	98	14.4	1971
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\*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

1958-1977 BEAUFORT, SOUTH CAROLINA STATION NAME

STATION

0

YEARS

MONTH SUNE

AVERAGE  OF AVERAGE  OF O	AN TEMP  VERAGE  CACHAGE  CACHAGA  CACHAGE  CACHAGE  CACHAGE  CACHAGE  CACHAGE  CACHAGE  CACHAGA  CACHAGE  CACH	MAXIMUM TEMP MINIMUM TEMP	AVERAGE EXTREME	°F °C DATE °F	1 93 33.9 1974 67.3 19.6 57 1	8 89 31.7 1977# 67.5 19.7 57 1	1 91 32.8 1965 66.9 19.4	4 93 33.9 1961 67.1 19.5 60 1	2 93 33.9 1975 67.0 19.4	8 96 35.6 1977 66.4 20.2 57 1	2 95 35.0 1975 68.9 20.5 69 1	5 92 33.3 1963 67.9 19.9	9 93 33.9 1964 90.0 21.1 62 1	8 94 34.4 1964 69.7 20.9 60 1	9 96 35.6 1963 69.2 20.7 59 1	7 96 36.7 1977	6 94 34.4 1977. 71.1 21.7 61 1	1 97 36.1 1958 71.3 21.8 62 1	7 97 36.1 1964 71.2 21.8 65 1	4 99 37.2 1964 71.3 21.8 61 1	0 93 33.9 1975 69.4 20.8 60 1	9 96 35.6 1975 69.0 20.6 61 1	9 100 37.6 1970 70.2 21.2 59 1	7 99 37.2 1970 70.9 21.6 63 1	1 95 35.0 1977 71.6 22.0 63 1	8 96 35.6 1977 70.9 21.6 61	9 99 35.0 1974 70.7 21.5	7 96 35.6 1960 70.8	36.7 1977 72.0 22.2 64 1	7 96 35.6 1959 72.1 22.3	5 99 37.2 1959 71.2 21.8 67 1	5 99 37.2 1959 70.7 21.5 64 17	B. G. C.	102 38.9 1939 70.0 21.0 03 17	7 103 39.4 1959 70.3 21.3 6
	AVERAGE  AVERAGE  OCCUPACION		AVERAGE		84.3 29	8.	*	1'	3	9	6.9	11	6.		6.	2	16.9 31	87.9 31	87.3 30	86.7 30	84.2 29	85.9 29	85.9 29	87.2 30	87.9 31.	87.5 30	87.6 30	87.3 30	16 0.68	87.2 30	0.	6	-		

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\*ALSO ON EARLIER YEARS

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# NAVAL WEATHER SERVICE DETACHMENT

DAILY AVERAGE/EXTREME TEMPERATURES

BEAUFORT, SOUTH CAROLINA STATION NAME

1958-1977

YEARS

MONTH

1964 2004 19.4 10.0 EXTREME MINIMUM TEMP 67 23.1 AVERAGE - 4 0 - - - - - 0 0 + 0 73.0 73.6 73.6 74.0 1977 1969 1969 1977 1977 1958 1972 1968 34.4 38.9 35.6 35.6 35.0 36.1 35.0 36.7 36.7 34.4 33.9 34.4 37.8 35.6 38.9 36.7 30.1 EXTREME **MAXIMUM TEMP** 96 96 31:4 31.1 AVERAGE 88.5 880.2 890.3 890.1 890.1 0.000 89.4 9.6 10.8 27.2 27.1 26.8 27.0 27.4 27.6 26.8 26.8 27.4 27.2 26.7 26.8 27.1 27.3 27.7 MEAN TEMP AVERAGE 81.4 82.2 80.2 60.08 80.2 10.3 80.2 90.08 100 81.0 81.4 91.4 80.3 81.3 81.7 01.0 80.7 81.2 82.0 91.9 10.2 DAY 16 15 17 18 19 20 22 25 28 30 10 12 13 14 21 23 24 56 27 23 31 = S 9 6

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ALSO ON EARLIER YEARS

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STATION 93831

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ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

BEAUFORT, SOUTH CAROLINA

STATION

STATION NAME

LINA

1958-1977

YEARS

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ALSO ON EARLIER YEARS

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DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

BEAUFORT, SOUTH CAROLINA

STATION

STATION NAME

1958-1977

YEARS

SEPTENBER

MONTH

MEAN TEMP	TEMP			TATOLINI TEMP			A CLANE		MICHAI	-	
AVERAGE		AVERAGE	GE	EXIMEME	ME		AVERAGE		EXTREME		
9.	o°.	9,6	၁့	9 F	၁ွ	DATE	°F	၁ွ	9°F	၁ွ	DATE
78.9	26.1	86.4	30.2	98	36.7	1970	71.4	21.9	63	1	1976
78.8	26.0	86.8		63	33.9	1959	70.7	21.5	63	17.2	1972*
78.5	25.8	86.2	30.1	68	35.0	9961	10.8	21.6	19	16.1	1961
79.3	26.3	87.7	30.9	98	35.0	1966	70.9	21.6	69	17.2	1961
78.9	26.1	9009		63	33.9	1975*	71.1	21.7	29		1961
78.5	25.8	86.6		26	33.3	1970	70.3	21,3	69	18.3	1961
78.6	25.9	86.3		92	33.3	1958	70.8	21.6	99	17.8	1972
17.4	25.2	85.1	29.5	06	32.2	1975*	69.7	20.9	99	17.8	1972
78.1		99.6		36	33.3	1973	70.5	21.4	29	16.7	1966
78.0	28.6	86.1		16	32.8	1977	6.69	21.1	29	15.0	1966
77.5	25.3	85.2		63	33.9	1970*	69.7	50.9	24	12.2	1976
76.6	24.8	94.4	29.1	16	32.8	1975*	8.89	50.4	24	12.2	1976
74.7	23.7	82.3	27.9	16	32.8	1963	67.0	19.4	28	14.4	1961
75.6	24.2	83.6	28.7	16	34.4	1972	67.6	19.8	36	13.3	1964
15.6	24.2	83.3	28.5	96	35.6	1972	61.9	19.9	96	13.3	1961
76.2	24.6	83.7	28.7	66	36.1	1972	68.7	20.4	57	13.0	1961
76.9	54.9	84.8	29.3	44	36.1	1972	0.69	20.6	28	14.4	1961
76.7	24.8	84.1	28.9	*6	34.4	1972*	69.2	20.7	00	13.6	1961
76.7	8*42	84.0	28.9	63	33.9	1972	69.5	20.8	66	15.0	1976
76.6	8.42	84.6	29.5	26	33.3	1970	9.89	20.3	19	16.1	1962
76.2	24.6	84.0	28.9	26	33.3	1970	4.89	2002	58	14.4	1962
74.7	23.7	82.9	20.3	92	33.3	1970	60.3	19.2	66	15.0	1976
74.0	23.3	82.2	27.9	16	32.8	1970	65.7	18.7	96	13.3	1961
74.2	23.4	83.1	28.4	92	33.3	1961	65.4	18.6	90	10.0	1961
74.5	23.6	83.0	28.3	95	35.0	1961	0.99	18.9	96	13.3	1961
75.3	24.1	83.4	28.6	16	34.4	1961	67.1	•	58	14.4	1961
73.7	24.3	84.1	28.9	76	34.4	1970	67.3	19.6	29	19.0	1975
73.7	23.2	81.4	27.4	16	32.8	1972	0.99		53	12.8	1961
72.3	4.22	80.3	26.8	16	32.8	1974	64.3	17.9	25	1101	1961
72.2	22.3	90.08	27.0	88	31.1	1971	63.7		69	7.2	1961
7 76	* 76	04 2	30.1			V			- 7		

\*ALSO ON EARLIER YEARS

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### NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

1958-1977

BEAUFORT, SOUTH CAROLINA STATION NAME

YEARS

MONTH

OCTOBER

	MEAN TEMP	EMP			MAXIMOMIEM	INIL				MINIMOM LEMP	MP	
	AVERAGE	AGE	AVERAGE	AGE	EXTREME	EME		AVERAGE	GE	EXTREME		
PAY	٠,	၁့	٠,	່ວູ	<b>ч</b> °	၁ွ	DATE	٠ ۲°	၁့	4°	ပ	DATE
	73.6	23.1	83.4	28.6	91	32.8	1971*	63.8	17.7	64	4.6	196
2	72.6	22.6	80.8	27.1	89	31.7	1977	64.3	17.9	90	10.0	196
3	71.3	21.8	80.6	27.0	89	31.7	1971*	62.0	16.7	69	7.2	197
4	70.6	21.4	79.0	26.1	87		1971	62.1	16.7	42	9.6	197
9	4.69	20.8		26.2	87		1971	90.66	15,3	64	8.9	197
9	69.5	20.8	78.7	25.9	86		1962	60.3	15.7	20	10.0	767
7	71.6	22.0		27.0	88		1962	62.5	16.9	44	6,3	196
8	71.5	21.9	80.1	26.7	86		1975*	65.9	17.2	31	10.6	196
6	71.0	21.7	4.08	26.9	86		1975	61.5	16.4	40	4.6	197
10	4.69	8008	78.7	25.9	99		1958	1.09	15.6	84	8.9	197
11	68.0	20.0	78.6	25.9	88		1959	57.5	14.2	1,	5.0	197
12	4.89	20.2		26.2	16		1975	57.7	14.3	6.5	6.3	197
13	68.1	20.1	78.2	25.7	88		1975*	57.9	14.4	38	3.3	197
14	70.1	21.2	80.3	26.8	87	30.6	1975	0.09	15.6	24	9.6	197
15	4.69	20.8	78.2	25.7	98		1970	9.09	15.9	**	6.7	197
16	68.8	20.4		25.3	84		1975*	60.1	15.6	45	7.2	196
17	67.4	19.7		24.5	68		1972	58.0	14.8	39	3.9	197
18	65.6	18.7		23.9	82		1972*	56.2	13.4	90	4.4	197
19	94.0	18.1		23.8	87		1972	54.4	12.4	42	5.6	961
20	62.4	16.9	71.8	22.1	84		1963	52.9	11.6	39	3.9	197
21	62,8	17.1		22.6	85		1963#	53.0	11.7	04	4.4	196
22	4.49	18.0		23.4	82		1975	34.6		40	4.4	197
23	64.7	18.2		24.0	81		1975*	1.46	12.3	38	3,3	197
24	65.0	18.3		1.42	83	28.3	1975*	54.8	12.7	39	3.9	197
25	63.0	17.2	72.6	22.6	81		1975*	53.5	11.9	38	3.3	196
26	62.2	16.8	73.1	22.8	87		1975	51.3	10.7	.38	3.3	196
27	62.6	17.0	73.1	22.8	83	8	1974#	52.0	1111	33	2.8	196
28	62.3	16.8	72.5	22.5	85		1963	52.2	11.2	33	2.8	197
29	9.09	15.9	71.0	21.7	79	26.1	1974*	50.1	1001	31	•0•	197
30	61.9	16.6	72.1	22.3	82	27.8	1974*	51.6	10.9	30	3.9	1968
31	62.7	17.1		22.6	87	30.6	1961	52.7	11.5	38	3,3	196
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\*ALSO ON EARLIER YEARS

STATION

# NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

BEAUFORT, SOUTH CAROLINA

STATION

NA

1957-1977

YEARS

NOVEMBER

		DATE	1976#	1963	1963	1966	1967*	1976	1967	1967	19764	1967*	1968	1977*	1977*	1968	1969	1969	1970	1972*	1959	1968*	1968	1971	1976	1970	1970	1977*	1977	1974	1959	1939		. 69.
Ь	ME	၁ွ	5.0	2.2	9.0	-3.3	1.7	-1.7	-1.7	-1.1	-3.9	1.1	1.1	9.0	-0.6	-2.2	-2.2	-1.1	0.0	1.7	9.0	-1.1	-3.3	0.0	-2.8	-3.6	-7.2	-101	-2.8	9.0	-1.7	+:+:	4	
MINIMUM TEMP	EXTREME	J° F	41	36	33	92	35	29	29	30	2.5	34	34	33	31	28	28	30	32	35	33	30	92	32	27	22	61	30	27	33	53	24		•
Σ	=	၁့	12.2	11.4	1111	10.5	10.7	10.3	9.0	8.7	7.8	8.4	7.9	8.5	8,3	8.0	7.4	8.3	9.6	9,5	8.6	7.5	7.8	9.0	6.8	7.3	7.1	5.8	8.8	8.4	6.7	4.0		
	AVERAGE	, F	24.0	52.6		80.9	51.3	90.06	48.2	47.6	1.04	47.1	46.3	47.3	47.0	40.4	45.3		49.3	49.1		45.5	0.94	43.8	44.2	45.2	44.7	42.5	47.9	47.2	44.1	40.7		
		DATE	1961	1961	1972	1972	1975+	1959	1961	1975	1975	1975*	1966	1975	1972	1964*	1958	1958	1964	1964	1958	1975*	1973	1977	1958	1973	1973	1973	1973	1968*	1977	1970		
_	JV.	၁့		-	-	28.9	-	3	1	28.3	27.8	26.1	26.7	26.7	26.7		26.7	28.3	28.9	27.8	27.8	23.9	26.1	25.6	24.4	26.1	25.6	27.2	27.8	24.4	25.6	25.6		
MAXIMUM LEMP	EXTREME	<b>₽</b> °	88	86	85	84	83	83	80	83	82	79	80	80	80	80	80	33	84	82	82	75	19	78	76	44	78	81	82	76	7.8	78		-
MA	36	၁့	22.9	23.3	22.5	21.9	21.3	20.9	20.8	1/10	-		19.8	20.4	_	19.4	19.7	20.6		_	20.7	19.1	19.5	18.6		18.3	18.8			19.6	18.0	15.6		
	AVERAGE	, F	73.3	74.0	72.5	71.5	70.3	9.69	69.4	67.7	69.3						67.4	69.1			69.2	66.3		65.5	4.40	65.0	65.9	-	100	-	4.49			
		٥,	17.6	17.4	16.8	16.2	16.0	15.6	16.9	14.2	14.3	16.3	13.9	14.4	16.0	13.7	13.5	14.4	15.5	15.6	14.6	13,3	13.7	12.6	12.4	12.8	12.9	12.2	14.6	14.0	12.4	10.2		
MEAN TEMP	AVERAGE	₽,	63.7	63.3	62.2	61.2	80.0	60.1	58.8	57.6	97.7	57.7	97.0	58.0	57.2	96.7	56.3	58.0	99.9	60.1	58.3	69.65	56.6	54.6	54.3	55.1	55.3	54.0	58.2	57.2	54.3	\$0.4		-
		DAY	1	2	3	4	9	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	

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\*ALSO ON EARLIER YEARS

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# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA BEAUFORT, SOUTH CAROLINA

STATION NAME

STATION

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1957-1977

YEARS

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DECEMBER

			.3 1	9961 80	0961 60	1 +	.2 1	** 1974	1 6	5961 6	1.7 1968	9961 9.	1	1 6	1965	1 1	.1	.7 1	1 4.	1 6	1	.8 1975	1 6	1 1	.3 1	1 6.	1 0.	*8 1968*		14 1977	101 1977	1961 60	
MINIMUM TEMP	EXTREME	٦° ۶°	26 -3		25 -3	•	29 -2			25 -3		22 -5	•	20 -6	12 -11	21 -6	21 -6	9- 02	77 72	25 -3	•				26 -3		25 -3		•	24 -4	21 -6	26 -3	
MIN	E	ိ ၁	3,3	3.8	5.4	5.0	5.6	5.1	9.6	5.2		0.9	6.6	6.1	5.3	4.4	4.9	9.0	4.6	3.3	3,1	5.7	4.2	3.1	3.9	3.6	4.4	3.9	4.1	9.6	4.0	5.2	
	AVERAGE	₽°	38.0	38.8	41.8	41.0	42.0	41.1	42.0	41.4	40.5	42.8		42.9	41.6	0.04	6.04	41.0	40.2	38.0	37.5	42.2	39.5	37.5	39.0	38.5		39.0	39.3	42.0	39.5	41.4	
		DATE	1970	1970	1973	1970	1958	0	1975	1966	9961	1972	1972	1971	1971	1972	1972	0	1971	1967	1961	1967	1970*	1967	1970	1971+	1974	1971	1971	1971	1971	1971	
MP	EME	၁့	24.4	25.0	26.1	25.0	23.9	24.6	24.4	23.9	24.4	27.2	27.8	25.6	23.9	25.0	27.2	26.7	25.0	25.0	26.1	27.2	23.3	25.6	26.1	21.1	23.9	23.3	24.4	25.6	23.3	24.4	
MAXIMUM TEMP	EXTREME	, F	16	77	79	77	75	76	76	7.5	76	81	82	7.8	7.5	77	81	80	77	77	46	81	74	78	46	70	75	7.6	76	78	74	76	
×	GE	ပ	15.4	16.2	17.6	17.4	18.0	17.3	16.1	15.6		16.3	16.4	15.6	16.1	15.8	15.0		15.6	-	16.4	_	14.4		15.2	14.7	19.2		15.9	16.8	15.3	18.9	
	AVERAGE	H.	89.8	61.2	63.7	63.3	4.49	63.1	6.09	0.00	0.09	4.10	61.6	60.1	61.0	4.09	99.0	60.3	60.1	59.7	61.5	62.4	57.9	58.3	59.3	58.5	59.3	59.5	400	62.3	59.5	9.09	
MP	36	၁့	4.4	10.0	11.5	11.2	11.8	11.2	10.8	10.4	1001	11.2	11.2	10.8	10.7	10.1	10.0	10.3	10.1	9.6	9.7	11.3	9.3	8.8	9.5	9.2	9.8	9.6	10.0	11.2	9.7	10.6	
MEAN TEMP	AVERAGE	H°.	6.84	20.0	52.7	52.1	53.2	52.1	51.5	50.7	50.2	52.1	52.1	51.5	51.3	50.2	50.0	50.6		6.84	49.5	52.3	48.7	47.9	49.1	48.5	49.6	69.3	90.0	52.1	40.4	51.0	
-	L	DAY	1	2	3	4	2	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	

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\*ALSO ON EARLIER YEARS

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#### EXTREME VALUES

FROM DAILY OSSENATIONS!

BEAUFORT, SOUTH CARDLINA

93831 STATION

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WHOLE DEGREES FAHRENWEIT

MONTHS	40		80	40	10	96	66	*6	60		102	86	100	96	100	*6	•	44	66	102		97.2	2.522	7336
DEC.	700		2	-	73	69	2	72	10	-	72	69	2	08	85	2	1	16	72	13		6.9	4.085	169
NOV	C 6	-	8	88	78	13	*	10	-	16	19	7.8	78	63	6	82	48	63	2	2		100	3.523	089
OCT.	•	5	80	10	:	93	*	2	:	62	6	62	8	6	2	88	*	16	83	60		87.4	214.2	620
SEP.	10		06	98	92	92	06	06	66	81	91	68	86	06	97	26	6	63	69	16	D F	92.0	~	
AUG.	00	40		56	63	95	16	16	99	76	101	63	86	66	100	26	99	96	56	63		04.0	2.426	1
JUL.	0.7	03		46	60	68	92	66	95	63	102	98	80	66	6	63	*	36	95	102		43.4	3.028	620
JON.	67	- 2	90	69	76	96	66	16	2	63	*	66	100	96	;	26	95	96	92	66		1.56		60
MAY	•	200	95	88	97	88	*6	83	6.	**	92	=	99	68	69	*	*	4	82	64		92.3	3.432	620
¥				1		3	-	68	98	26	92	2	0	5	0	82	:	2	-	49		8.8	2.593	000
MAR.	11	1	78	84	80	68	7	83	79	06	67	-	=	6	00	84	0	28	*	63		82.1	4.483	620
5	*		3	4	3	73	60	4	2	16	2	2	2	-	0	7	2	=	2	48		0.97	4.136	565
JAN.	43	73	13	70	1	99	70	76	75	73	75	75	11	-	0	73	00	5	73	29		13.8	5.248	
YEAR	28	05	00	19	29	63	40	65	90	67	99	69	20	14	72	73	74	75	76	*		Z	S. D.	TOTAL OBS

#### EXTREME VALUES

MAXIMUM TEMPERATURE

BEAUPORT, SOUTH CAROLINA

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57-77

YEARS

/BASED ON LESS THAN FULL MONTHS/

ALL	MAX TEMP DAYS										
DEC.								46			
NO.							100				
OCT.											
SEP.	88										
AUG.							State of the state				
JE.											
ž											
MAY											
APR.							the section of				1
MAR.							10 M 10 M				
5											
JAN.											
YEAR	65						20 CM 3		MEAN	S. D.	

NAVWEASERVCOM





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#### **EXTREME VALUES**

MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

93831 STATION

BEAUFURT, SOUTH CAROLINA

57-77

WHOLE DEGREES FAHRENHEIT

MONTHS		16		2.1	20	12		19	25	12	17	20	23	07	19	20	21	23	21	21	91		18.7	7306
DEC.	50	50	59	21	56	12	22	56	25	25	28	50	26	53	32	28	23	28	12	21	21		24.0	651
NOV.	33	37	72	8	3.	33	3	34	34	92	52	92	82	67	32	28	33	30	35	52	12	- 15 - 15 - 15 - 15	9 . 62	030
OCT.	:	38	4.1	;	**	37	00	0,	38	45	36	35	**	4.5	84	6	64	36	63	7	2		8.04	029
SEP.	1	55		*	28	53	33	20	63	29	45	29	65	20	29	62	99	53	20	54	66		57.5	210
AUG.		99	10	67	69	67	69	99	69	19	63	19	69	2	70	20	69	69	70	62	5		99.90	620
JUL.		69	20	99	10	20	69	5	69	69	63	10	7.	62	69	67	10	99	99	99	67		4.70	620
JON.		95	*9	20	89	63	63	69	29	52	57	62	69	58	19	36	99	62	99	57	09		2.10	009
MAY	:	64	200	0	23	20.00		20	23	51	*	25	40	4	84	26	20	25	27	48	40		90.9	020
APR.		94	25	37	0*	36		42	4.3	42	64	42	4.5	•	37	37	40	36	36	38	04		60.3	270
MAR.		33	36	54	38	31	34	33	34	32	31	27	53	90	59	35	33	04	27	33	35	15 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28		620
		97	28	28	30	30	=	28	92	54	1.1	24	30	11	12	92	21	53	97	31	22		9.42	565
JAN.	:	23	1.0	22	20	21	02	6.7	52	12	52	22	23	10	19	50	21	31	28	21	16.	\$ B \$	21.2	620
YEAR	57	26	56	09	61	29	63	*	65	99	67	6.0	69	20	17	72	73	74	13	16	11	8	MEAN	TOTAL OBS.

#### EXTREME VALUES

MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

BEAUFORT, SOUTH CARDLINA

57-77

MADLE DEGREES FAHRENHEIT

ALL	MIN TEMP DAYS	MIN TEMP DAYS										
DEC.												
NOV.							2					
OCT.												
SEP.	29							The State of the S				
AUG.												
JUL.			110									7
JGN.												
MAY												
AR.		1.62						and suffer				
MAR.								2 C C C G B				
JAN.												
YEAR VEAR	65	ç,								MEAN	S. D.	TOTAL OBS.

NAVWEASERVCOM

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### PSYCHROMETRIC SUMMARY

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•	NN-60N			
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93831 STATION

BEAUFORT, SOUTH CAROLINA

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TOTAL

PSYCHROMETRIC SUMMA

NAVWEASERVCOM

 $\Sigma X^2$ 

Element (X)

12648 - 7605 - 854

BEAUFORT, SOUTH CAROLINA

7.8

5.6

3.4

1.2

0

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3

14

0

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Rel. Hum. Dry Bulb



Wet Bulb Dew Point

744.0 744.0

Total

≥ 93 F

≥ 80 F

≥73 F

10 F

No. Obs.

22.8

17.4 ₹ 67 F

75.6 ≤ 32 F

1240

77.2 19.043 49.7 12.810 46.2 12.475 42.0 15.027

57324 52018

95670

Mean No. of Hours with Temperature

12648-7605 MSH

0

0

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NAVWEASERVCOM

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5 PSYCHROMETRIC SUMME JAN 68

HONTH	2.		Wet Bulb Dew Point	10	*-	1128									Total	672.0	672.0
	PAGE 2.	TOTAL				1128										+	+
1			Dry Bulb			1128								ero.	84	9	1
		TOTAL	D.B./W.B.			1128								Mean No. of Hours with Temperature	J 08 ₹	•	
			≥31											tours wit	≥73 F	19.7	
			28 29 . 30							¥				No. of	-	4.00	6.3
YEARS			1 .											Mean	₹ 67 F	90	
			10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27												≤ 32 F	44.7	75.7
			23 - 24												+	+	1
			21 - 22			:									40£		
		WET BULB TEMPERATURE DEPRESSION (F)	19 - 20											bs.	28	128	128
		E DEPRES	17 - 18	7		1.2								No. Obs.	7	7	7
		ERATUR	1 15 - 16			1.6									920	640	986
		JLB TEM	13 - 1/			3 3.5					18.			σ×	20.528	12.043	11.0
		WET BI	11 - 12			*								×		51.8	46.9
AME			9 - 10			-								Н	+	+	+
STATION N			7.8			4.1.								2×	80023	584	229
			9.6			13.0											
			3.4			20.0		h .							6121969	2006	+34
STATION NAME			1.2			.530.320.613.011.	+							Σx2	61	316	202
1		du	(F) 0	113	0 u	•								Element (X)	Rel. Hum.	Dry Bulb	Polb
STATION		٩		14,	10	TOTA							EBACON	Ш	Ш	_	_

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BEAUFORT, SOUTH CARDLINA

(LS.T.)	
PAGE 1 HOURS (L.S.T.)	

Temp.	t	1		1		-		ET 8CL	8 TEMP	ERATU	RE DE	KESS	WET BULB TEMPERATURE DEPRESSION (F)								TOTAL		-	
(£)	0	1.2	3.4	9.6	7.8		10	. 12	13 - 14	15 - 16	2	- 18	19 - 20	21 - 22	23	24 25 -	26 27	- 28	29 - 30	z 31	D.B./W.E	· Dry Bulb	Wet Bulb Dew Poi	b Dew
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Element (X)		XX	1		×	1	*		×	+	ż	اة	,		1	1	-		0 OF H	ours wi	of Hours with Temperature	1	-	1
Ref. Hum.			1			1		1		1				0 2		≥ 32 F	-	≥ 67 F	Al	≥73 F	≥ 80 F	284	-	Total
Dry Bulb																								
Wet Bulb																								
	The state of the latest designation of the l				-			-										The second second	The second secon	Contract of the last of the la	And in case of the latest of t		The section of the se	

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YEARS

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BEAUFORT, SOUTH CAROLINA

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PSYCHROMETRIC SUMMA

NAVWEASERVCOM

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Total

1 86 E

1 08 Z

≥73 F

≥ 67 F

≤ 32 F

\$ 0 F

No. Obs.

×

21.6

85.9

7.2 60.0

1239

72.4 20.882 60.8 10.081 55.3 9.189 50.5 11.951

89687 75337 68553

> 4706671 3897535 3334014

> > Wet Bulb Dew Point

> > > 0

7031991

ZX2

Element (X) Rel. Hum. Dry Bulb

0

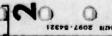
62544

72.7

Mean No. of Hours with Temperature

744.0

NAVWEASERVCOM







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BEAUFORT, SOUTH CAROLINA

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8.T.)		ew Point	1200	T										Total	720.0	720.0
HOURS (L.S.T.)	TOTAL	Vet Bulb D	1200											5	7	-
		Dry Bulb Wet Bulb Dew Point	1200											≥93 F		
	TOTAL	D.B./W.B.	1200										Mean No. of Mours with Temperature	≥ 80 F	36.6	
		≥31											ours with	≥73 F	39.8	7.5
		29 - 30											No. of H	A1	-	36.0
		27 - 28											Mean	₹ 67 F	321.6	
		13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30	~											± 32 F		40.8
		22 23 - 3			1	+							-	≥0 F		
	N (F)	- 20 21 -	*:										+	$\vdash$		
	WET BULB TEMPERATURE DEPRESSION (F)	. 18 19	2.7			+						+	%. Qb.	1200	1200	1200
	ATURE D	15 - 16 17	*										-		0	45
	B TEMPE	13 - 14	•										×	20.03	9.190	10.75
	WET BUI	11 - 12	7.6										×		4.7	52.4
		9 - 10	210.6										+	$\vdash$	-	-
		6 7.8	910	+		+							~XX	814	176	69484
		4 5.6	.313										+	20	19	101
		.2 3.4	61			+	+		,				-	96100	11236	4100364
		0	1.921.718.313.510.210.8										Σx²	•	-	-
	Temp.	(E)	TOTAL								•		Element (X)	Rel. Hum.	Dry Bulb	Wet Bulb Dew Point

BEAUFORT, SOUTH CAROLINA

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0 0

Temp.							WEI	SOLB IEA	WEI BULB IEMPEKATUKE DEPKESSION (T)			-						TOTAL		1	
(F)	0	1.2	3 - 4	9-5	7 - 8	9 - 10		12 13 . 1	13 - 14 15 - 16	6 17 - 18	17 - 18 19 - 20	0 21 - 22	2 23 - 24	4 25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb Dew Point	Dew Po
											•										
											•	2						3	3		
								•	•	•	•	•	•4					5		_	
						* *		2	•					2				1.5	15		
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			.5	-	2.	-			•	•	2							92	65		
7			1.3	-	-	-	•		•	-	•	1						99		-	
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.39.1	•	•	.2	.2	•	_												13	-		3
100		.2	.1															4-1	9		
		• 1																~			
23																				•	
790																				5-1	7
1000000																					
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36/35																					
The state of the s								-													
Element (X)		2x2			Σ×		<b>×</b>	σ×	×	S.	Obs.				Mean No.	10	Hours with	th Temperature	store		
Rel. Hum.												0 ₹	F	≤ 32 F	₹ 67	F	≥73 F	≥ 80 F	z 93	F.	Total
Dry Bulb		8																			
Wet Bulb																					
																			-	-	

ISEAS. TOOS NSH

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NAVWEASERVCOM

BEAUFURT, SOUTH CARDLINA

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SES PSYCHROMETRIC SUMMA JAN 68

Temp.	1	1	-	1		1			00 01 01 21 71 31 71 61 61 11		01.0	1		90,00	1	18	1_	DE VAR	1	-	9
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16 /86	- (										•	_	_	.2	_	_	_		9	2	
1										•		2	-	-						0	
84/ 93									•	2		2	1					-	3 13	3	
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-				2.2	•	•												16	-	3 189	9 53
-	2			1.7	•	•	1 .2		•	1				Q.				166	16	9	
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=	2.52	526.819.	6.6	914.3	310.7	-	7 6.4		9 3.	2 2.	1 1.4			4					1200	0	1200
																		1200	0	1200	0
Element (X)	3	Σx3			ZX X		_  ×	, x		ž	- j	1	-		Med	Mean No. of	of Hours w	with Temperature	otore		
Ref. Hum.		1312	819		9160	-	76.3	16.3	342	-	200	8	9.6	≤ 32 F	192		≥73 F	≥ 80 F	2 2 2	3 F	Total
Dry Bulb		7285	7285314		93152		77.6	6.	725	-	1200				69	9.969	566.4	264	0.	4.4	720.0
Wet Bulb	•	5178	985		8596		1.6	4.	4.122	-	1200				69		330.6	2			720.
D 0.114						ı						The state of the s	The state of the s			п			-	The same of the sa	

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Wet Bulb Dew Point

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TOTAL

PSYCHROMETRIC SUMMA JAN 68

73-77

BEAUFORT, SOUTH CAROLINA

93831 STATION

ISEAR. 700S MISH

Dry Bul				1	~	-	•	6	13	10	11	16	18	14	9	2			124		15					910	64	1		
D.B./W.B.		3	7	14	37	7	62	66	135	107	114	169	185	141	29	25	1			1240						Mean No. of Hours with Temperature		357.6		1
131																										lours wit	≥73 F	687,6	564.0	7 207
. 30																									15	å.		9	5	7
. 28 29	L		_	-		-	19.00				_			_							-	+	-	+		Ž		744.0	738.0	0 000
1.2						1												18						1		Medi	₹ 67 F	141	73	
26 2	-			-	-	+								-				-			+	+		+						-
25 - 26 27						1								3.										1			≤ 32 F			
. 24						1																					VI			
12																														
- 22	-		.1																.2								≥ 0 F			
20	-	.2	2	1		1								_									_	1		$\vdash$				+
19.		•	•																								0	0	0	
- 18		-		.2	-		.2	:											0					1		No. Obs.	1240	1240	1240	1
1					_														1-							ž				
11 - 12   13 - 14   15 - 16   17 - 18   19 - 20   21			• 2	•		.2	. 2	.1	• 1										2.2							-	6	•	2	
-			1	3	0	-	2		•		7			_	-			-	00		+	+-		-		ά×	21	66	97	
13			•	•	1.0	•	•	•	•	•	•								3.6							l°	*	5.996	2.972	
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E						3	-												-							×	78.2	80.0	74.4	
2						6	2.2	2.2	1.9	•	. 3	. 1							8.1											۰
6	-			-	7.	+	~		0.		0	4.	.2	2		-		-			+	+	+	+			97018	60	96	
7 . 8					•		•	4	4.	2.0	1.0	•	•	•					12.							Σ×	970	992	922	000
5.6								.3	3.6	3.4	2.8	1.5	1.0		.2	.1			3.6	0				1				•		
7	-				-	1			*	~		6.7		2.0	0	.3	.2		5		+	+		+			2	35	32	1
6										~					-				21								10	10	47	
1.2											.8	4.8	8.6	6.0	2.9	1.4	• 3		3.525.521.613.612.5							Σx2	7841012	198	6874792	
												.1	*	1.8		.2	-		3.5							1				

66/ 65 64/ 63 62/ 61 60/ 59

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72/ 71 70/ 69 68/ 67 66/ 65

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20 220 380 170 75 20 20

253 277 277 326 173 173 39

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94/ 93 92/ 91 90/ 89 88/ 85 84/ 83 78/ 77

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Temp. /00

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NAVWEASERVCOM

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764.0

15.6 ≥ 93 F

Rel. Hum. Dry Bulb Element (X)

Wet Bulb Dew Point

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### PSYCHROMETRIC SUMMARY

BEAUFORT, SOUTH CAROLINA

	Wet Bulb Dew Point								00		249	~							1240									Total	744.0	
TOTAL		2	5	•		-	-	6	57	~	347			7 81	**	9 18	1 4	2	-	1240									3.0	
	Dry Bulb	\$		39		66	_		-		190		7.1	18	21	5			1240	0.0							ture	≥ 93 F		
TOTAL	D.B./W.B.	5	25	39	71	66	109	97	128	165	190	173	71	37	21	6				1240				3			Mean No. of Hours with Temperature	≥ 80 F	301.2	
	183																							1			Hours with	≥73 F	660.6	
	28 29 - 30																		1			1					n No. of		738.0 6	
	- 26 27 - 2														_				+			-					Med		73	
	. 24 25 .																		+			-						≤ 32 F		
	. 22 23																		+									≤ 0 F.		
ON (F)	- 14 15 - 16 17 - 18 19 - 20 21								-										+								-	0	0	
WET BULB TEMPERATURE DEPRESSION (F)	17 - 18		-																-								No. Obs.	1240	1240	
ERATURE	15 - 16	2	•		•	~1													9.							133		83	141	
ULB TEM	12 13 - 14	2 .1	-	8.	4 .1	*	2 .1	7.	•		1								5 2.4								σ×	7	5.741	I
WET B	10 11 . 1		-	.5 1.	3	. 2		6	2		•								7 5.				-				×	82.0	78.8	
	. 8		•		.6 2.	.6 3	0	s.	0	9.	.2								.6 7.			-						01910	97681	
	5 . 6 7				.2	2	1	1	.51	1.	20	9	.3						1.811								ΣX	101	97	
	3.4 5					7.			~	9.	4.6	3.1	1.0	9.		.2			24.111						9			1194	659	
	1.2							7	1.0					10.00	1.0	.3	7.		29.8								$\Sigma_{X^2}$	8548194	773	-
	0								• 1	4.		2.2		4.	.2	.2			6.5					P						
mb.	(E)	-		-	-	-	-	-	-	-	-	-		-	-	1		19 /	A								Element (X)	Ref. Hum.	Dry Bulb	
12		*	92	96	88	86	84	82	80	78	76	74	72	70'	68	99	40	62	101								Elem	Rel	6	

0 0 0 0 0 0

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Te (F)

ISEAR-TEOS MISH

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82/

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18/

NAVWEASERVCOM

42/ FOTAL

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Rel. Hum. Dry Bulb Wet Bulb

Dew Point

0

Element (X)

PSYCHROMETRIC SUMMARY

	Wet Bulb Dew Point						~			27										1								3 26			12	<b>.</b>	-		Total		
TOTAL	-											76	4			26											-								-	+	
	Dry Bulb	2	=	20	32	55	57	69	76	77	95	86	89	85	78	78	99	49	**	39	34	28	25	13	14	2	1	~		-				e s	1,83	-	
TOTAL	D.B./W.B.	2	=	20	32	55	57	69	76	77	95	86	89	85	78	78	49	49	44	39	34	28	25	13	14	5	-	2		-				Mean No. of Hours with Temperature	≥ 80 F		
	= 31	19																																urs with	3 F		
	. 30																														1			of He	273	-	
	- 28 29																														1			Mean No	₹ 67 F		
	- 26 27																					1.4									1			1	-	-	
	- 24 25						. 1																								-			+	± 32		
	22 23	-			1.																_									_	+		-	-	10		
E	20 21 -				2	.2		.2	17	-							-												-					+	٧١	1	
ESSION	19 .	1			1	2		1			2											7									1		-	Obs.		-	
E DEPRI	81 - 71 9		2		2 .		3							2	_															-			-	No. Obs.			
ERATUR	15 - 16	•	•		•	•	•	•	•	•	•	•	•	•	•																			1		+	
LB TEMP	13 - 14							.5				•	4.	.2	•	.3																		σ×			
WET BULB TEMPERATURE DEPRESSION (F)	11 - 12		.2	.5	.5	9.	.2	6.	.2	•	. 5	. 3	.3	.2	.2	.3	.1		.1															×			١
	01 - 6		3.		.7	6.	4.	9.	•	9.		9.	. 3	4.		.5				.2	.2													1	-	-	
	7 - 8		-	.2		.5								9.	•				4.				.2		.1						1			Σ×			
	5.6				.1		1.0			1.2						9.			. 5			7				.1					1						
	3 - 4					9.	9.		1.7	1.4	2.3	5.9	2.6	1.0	1.1	1.9	1.5	1.5	1.7	1.5	1.0	æ.									1					-	
	1 - 2						.1	6.												6.			•	*		.2	1.	.2		7.	1			Σx2			
	0								.2		.2	-	.2		.5			.2				7.			.2												
6		68	82	83	81	19	77	75	73	71	69	67	65	63	61	99	57	55	53	51	64	47	45	43	41	39	37	35	33	31	67	22	23	(X)	Œ5	-	an
Tem	(F)	106	86/	148	82/	80/	78/	76/	141	12/	101	/89	199	149	62/	109	58/	198	24/	125	201	48/	194	199	42/	104	38/	196	34/	32/	301	28/	24/	Element (X)	Rel. Hum.	1	Dry Bulb

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BEAUFORT, SOUTH CARDLINA

12658 - 7205 MSH

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NAVWEASERVCOM

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### PSYCHROMETRIC SUMMARY

	Dew Point						3	•	m	•	~	7	13	7	0	•	*	3	01	0	•	•	š	9	•	3	*	3	2	2(	m	-	77		Total		
TOTAL	Wet Bulb		1			2	11	39	34	81	105	16	63	95	4	9	9	25	20	0	99	62	57	42	30	29	22	15	4	•		1			_		
	Dry Bulb		•	102	9	34	48	70	69	84	9	67	67	99	20	00	71	26	60	20	9	64	36	23	10	15	11	-	*	-		1		ure	≥ 93 F		
TOTAL	D.B./W.B.	0	0:	507	0.4	34	48	70	69	84	83	67	67	68	20	00	41	2	00	16	04	64	36	23	16	15	11	7	4	-		1		Mean No. of Hours with Temperature	≥ 80 F		
	162		1									1		1				1		1												1		urs with	3 F		
	. 30		+							1	_	+		1		1		1		1	-	1										1		of Ho	≥73		
	. 28 29								_					+						+	-	1										1		Nean No	≥ 67 F		
	. 26 27		+											1				+		+									_			1				-	
	. 24 25		+		3							1		1				+		+												1			= 32		
	- 22 23		+									1						+		-												-			≥ 0 F		
N (F)	. 20 21					_						+		1				+		1												1		-		-	
PRESSIO	- 18 19				7		7.	.2	.2	-	.2	1	7	+		1		1		+		1										1		No. Obs.			
TURE DEF	- 16 17		+		~			.2	.2	3	-:	.2	~	2.				+		1			_									1		Ž			
EMPERAT	. 14 15	-	4 .	N	60	.2	-:	.2	2	4.	4		-	*		7.		+		1				-										×			
WET BULB TEMPERATURE DEPRESSION (F)	. 12 13 - 14 15 - 16 17	•	7	7 (0)	9.	4.	.2	-	2.	.5	2.	2.	*	-	~	9.	•	.2	~	7.												1		-		-	
WE	10 11	•	7.	4 4	6.	.7			.2	.2	1.	.2		4.		6.	5	.5	3.	*	7.	-:										1		_			
	. 8 9.			-11-		.3					5					•	<u>m</u>		*										_			1					
	-6 7		+	-	0		.5	6.			0.	5		.3	0	.7	4.		0			1.		.3	· .				-			-		ZX			
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_	0	6		~ ~		3																			2				1	8	3	-	10	-			
Temp.	(F)									1000		- 1		- 1						2.0		100.00			0.1350	-77-71	10.7		COLUMN TWO	.7110		- 1	20/ 19	1 +	Rel. Hum.	Dry Bulb	
		•	0	0 7	ř	7	7	7	•	o	ó	•	•	5	ň	n	5	ň	4		4	*	3	m	3	m	•	m	~	~	2	7	7 -		_		

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BEAUFURT, SOUTH CAROLINA

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BEAUFORT, SOUTH CARDLINA

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D5 PSYCHROMETRIC SUMMA JAN 68

	<b>Dew Point</b>	30	1200				Total	20.0	720.0
TOTAL	Dry Bulb Wet Bulb Dew Point						L		
	Dry Bulb		1200				2 93 F		
TOTAL	D.B./W.B.					Mean No. of Hours with Temperature	≥ 80 F	9.6	
	= 31					Hours with	≥73 F	4.89	1.2
	0 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30					an No. of	≥ 67 F	9.0	63.6
	. 26 27 .					¥			
	23 - 24 25						≥ 32 F	73	28.2
•	21 - 22						±0 F		
WET BULB TEMPERATURE DEPRESSION (F)	18 19 - 20		2 . ī			No. Obs.	200	200	1200
TURE DEPR	. 16 17 .		1.8 1.2			ž			
TEMPERA	3 - 14 15		3.2 1			×	9.679	1.919	1.194
WET BULB	11 - 12 1		0.0			<b>×</b>			52.3 1
	9 - 1		7 8.6				Н		+
	.6 7.8		8			Σ×	870	688	62790
	-4 5					+	04	134	728
	1.2 3		7.826.122.913			Ex2	67744	41183	34357
	0		7.82			1			
Temp.	(F)	10/ 15	12/ 11 TOTAL			Element (X)	Ref. Hum.	Dry Bulb	Wet Bulb

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PSYCHROMETRIC SUMMARY

BEAUFORT, SOUTH CAROLINA

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11 11 11 11 11 11 11 11 11 11 11 11 11	22
24 24 24 26 36 36 36 36 36 36 36 36 36 36 36 36 36	-2
Mean No. of Hours with Temperature  F \$ 532 F \$ 237 F 53 F 537 F 53 F 537 F 53 F 53 F 53	. 2. 1. 2. 1. 2. 9. 9
85 85 67 73 70 70 70 70 70 70 70 70 70 70 70 70 70	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
75 75 70 70 70 70 70 70 70 70 70 70 70 70 70	2.5 1.0 .2 .2 .1 .2
1   1   1   1   1   1   1   1   1   1	7 1.9 1.0 .7 .2 .4 .2
77 77 6 60 60 54 64 79 77 77 60 70 77 77 60 70 77 77 60 70 77 77 60 70 77 77 60 70 77 77 60 70 77 77 60 70 77 77 60 70 77 77 60 70 77 77 60 70 77 77 60 77 77 77 60 77 77 77 60 77 77 77 60 77 77 77 77 77 77 77 77 77 77 77 77 77	1 1.8 .9 .2 .3 .6 .2
## ## ## ## ## ## ## ## ## ## ## ## ##	5 1.5 1.0 .4 .6 .6
80 80 94 77 77 70 70 77 77 77 81 81 81 82 64 64 64 73 64 64 64 65 84 65 64 73 85 75 71 85 75 71 85 75 75 75 85 75 85	2 1.5 1.2 .6 .5 .7 .
70 70 70 70 70 70 70 70 70 70 70 70 70 7	6 1.5 .8 1.0 .9 .2
## ## ## ## ## ## ## ## ## ## ## ## ##	0 1.4 1.3 .8 .6 .3 .
61 81 89 64 79 64 64 79 64 65 64 65 65 65 65 65 65 65 65 65 65 65 65 65	5 1.7 1.5 1.1 .6 .6 .
64 64 79 64 64 77 71 71 71 71 71 71 71 71 71 71 71 71	1 1.8 1.5 .7 .7 .5 .
64 64 65 77 71 48 46 57 77 71 48 46 57 77 71 71 71 72 8 35 39 75 75 75 75 75 75 75 75 75 75 75 75 75	1.1 1.5 1.0 .6
## 46 57 77 71 48 46 57 71 48 46 57 35 35 35 35 35 35 35 35 35 35 35 35 35	2 1.8 1.0 1.0 .7 .
## 48 48 57 40 40 84 40 84 35 35 40 84 85 35 35 35 35 35 35 35 35 35 35 35 35 35	2 1.0 1.8 1.3 .2
## ## ## ## ## ## ## ## ## ## ## ## ##	4 .8 1.3 .6 .7 .
## ## ## ## ## ## ## ## ## ## ## ## ##	0. 0. L.
35 35 35 35 35 35 35 35 35 35 35 35 35 3	1.0 1.1
## ## ## ## ## ## ## ## ## ## ## ## ##	1.0 .5 .7
17   17   26   5   5   25   5   25   5   25   5   25   5	6.
Mean No. of Hours with Temperature  F = 532 F = 267 F = 273 F = 280 F = 293 F	1.0 .2
Mean No. of Hours with Temperature	. m.
Mean No. of Hours with Temperature	2
Mean No. of Hours with Temperature  F 532 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F	.2 .1
Mean No. of Hours with Temperature	
Mean No. of Hours with Temperature	
Mean No. of Hours with Temperature	
Mean No. of Hours with Temperature	
F 532 F 267 F 273 F 280 F 293 F	$\Sigma_{X^2}$ $\Sigma_X$ $X$ $\sigma_X$ No. Obs.

u E	18.7.3		1240												Total	766.0
DEC	PAGE 2 HOURS (L.S.T.)	TOTAL	Wet Bulb	1240											L	,
1	al .		1240												293 F	
		TOTAL		1240										The state of the s	≥80 F	
			133												273 F	9.0
			3 29 - 30											2	- L	87.8
YEARS			27 - 2	-		1	4									
			24 25	+		-	+	+		-	-		_	$\mathbb{H}$	≤ 32 F	42.2
			6.0 2.7 1.0 o.5	+		$\dashv$	+			+				++	±0 F	
11		(F)	20 21	+			+							++	H	•
73-77		DEPRESSI	80 . /											1 2	1240	1260
1		ERATURE	0 30												448	22
		ULB TEMP	1.0	-		_								6	19.4	11.022
INA		WET B	0 2	-		1	1			-				<b>—</b>	76.1	6.67
CARDI		-	8.4.6	-		-	+	-		1				+	94313	_
HINC		-		-	H	$\dashv$	+	+	+	+				X	96	61
T. S.		-	21.41	+		+	+	+							965	942
BEAUFORT, SOUTH CAROLINA		-	16.229.621.414.3											2x3	7641965	3237
8			16.2													
93831 STATION		Temp.	TOTAL											Element (X)	Ref. Hum.	Dry Bulb

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

Temp.						STATE OF THE PARTY	HE DOED IEM ENGINE DE RECOION (1)							THE REAL PROPERTY.	STATE OF THE PARTY			TOTAL		1	
(3)	•	1.2	3.4	3.6	7 - 8	9 - 10	11 - 12 1	12 13 - 14 15	5 - 16 17	7 - 18 19	9 - 20 21	. 22 23	. 24 25	- 26 27	- 28 29	. 30	=31 D	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
6									-		0.	0.		_	-			2			
98/ 9										• 0	0.		0.					9	9		*
6/						100		0.	0.		0.	0.			_			16			
6/							0.	0.	• 1	.1	0.	0						35			
6/					0.		.1		.2		0.	0.						100	100		
8 /							9.	. 2	•1	.1	0		0					169			
8 /				0			9.				.1	0	0					250			
0 /			0		0.			.2			•	0	0					398	398		
8 /			1.	00	1.1			.2	:		•		0		-			304	504	2	
8 /		0				4	100	7	-	-	-	0						417	517	-	
6				1:1	.7			.2			0	-	-		-	-	-	667	667	149	
1	•				9.			. 2	-				0					843	843	727	
-				8	.5	4.					-	0.	2		-	-		1015	1015	1081	1
1	•			6.	*	*	C.	.2	•				0					1051	1051	1275	-
1					*	4.			7.	1.	0.	0	-			-	-	104	104	1061	-
9	•				4.	.2	~				0	0						153	753	917	
68/ 67		1.6	1.4	0.			.2	.2			0			-	-	-	-	727	727	821	-
9 /	•					.2		.2						-		_		636	636	761	
9 /	•				.3	.2				1.								615	615	768	
9 /	•		9.		.3	.3	.2	.2		0								620	620	709	
5	•					.2	2.	7.			-			_	_	-		964	996	630	
1 3	•		.7		**	.3			0.									505	503	572	
6 /	•	6.			.3			0										473	473	533	
2	•				.3		.2		•			_						421	421	481	
6 /	•				.3		7.	0.										377	377	487	
* /	•				.3	.2	.1	•										372	372	492	
* /	•		. 5		.2		. 1	0.										323	323	422	
*	•				.2			,										343	343	427	
* /	•	9.	. 5	*	.2	.1												275	275	370	-
'	•				.2	1.	0.											271	271	346	
6 /	•	*	.5	6.	1.	0								_		_	-	223	223	325	
6 /	•		*	.2	1.	•												167	167	255	
6 /	•	*		.2	•										-			143	143	247	
34/ 33	.0		.3	.1	.0													116	116	195	
Element (X)		Σx²			2x		X	σ×	1	No. Obs.				٧	Mean No.	. of Hours	with	Temperature	ure		
Rel. Hum.											-	≥0 F	≥ 32		₹ 79 E	≥73	3 1	≥ 80 F	≥93 F		Total
Dry Bulb											-										
Wet Bulb											-			-			-				
The second secon																					







93831

BEAUFORT, SOUTH CAROLINA









NAVWEASERVCOM

Element (X)

Rel. Hum.

15626. 7605



E E



24/

26/

30/



16/ \* 12/

10/



1



-/0

OTAL













Dry Bulb Wet Bulb

Dew Point

(1)

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION	1	מבאטרטאון	STA	ATION NAME			116			YEARS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNOAL
70	MEAN S. D. TOTAL OBS	11.857	11.85710.692	56.6 8.296 155	7.183		3.972	3.049	75.0 2.930 193	4.397	8.7891		10.802	19.61
8	S. D. TOTAL OBS	45.1 45.5 12.26310.981	45.5	85.3 8.759	57.2 7.803	6.103	4.148	74.0 2.596 155	73.6	10.8	9.010	51.1	45.0 10.972 155	59.5 13.68:
10	S. D. TOTAL OBS	12.424	42411.547	9.227	57.9 7.522 150	5.485	73.3	75.5 2.456 155	3.054	10.9	9.2671	1.690	11.348	14.6
2	S. D. TOTAL OBS	11.66510.369	53-1 10-369	62.5 8.680 155	47.9	76.4 5.742	4.751	3.619	4.189	78.7 5.221 150	68.2 7.957 155	9.986	50.5 9.602 155	16.40
2	S. D. TOTAL OBS	56.2 12.647 159	.2 60.2 64710.893	9.520	72.8	6.04 155	5.745	5.192	85.2 4.912 155	82.1 5.225 150	74.1	9.813	9.281	13.5
2	S. D. TOTAL OBS	57.3 12.250 159	61.2 9.788	9.030	72.9 6.850 150	5.903	6.454	5.026	4.916	81.6 5.150 150	73.8	9.211	57.3 8.719 155	12.5
2	S. D. TOTAL OBS	51.1 11.042 159	9.104	7.592	56.8 5.714 150	4.953	19.1	40.9 4.229 155	3.940	16.2	65.9 7.655 159	9.439	50.9 8.969 155	13.00
2	S. D. TOTAL OBS	11.421	42110-133	7.725	62.2	70.5 5.062 155	3.771	3.210	3.169	13.7	9.267	34.6 10.207 150	9.979	13.5
ALL	S. D. TOTAL OBS	12.81[12.044]	51.8 12.049 1128	10.082	9.191	73.0	6.720	5.997	5.741	75.8 6.4271 1200	1240	11.9201	11.023	14.34

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

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(0)

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10

STATION	1	200	200	STATION NAME						YEARS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	NOC	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	MEAN S. D. TOTAL OBS	-	44.3 44.7 12.35810.920	53.6 8.899	8.019	65.1	3.932	72.9	73.0	4.890	9.1531	11.329	44.3 11.472 155	13,757
*	S. D. TOTAL OBS	43,3 43.2 12.71011.255	43.2	9.581	34.3 8.376	6.595	4.250	71.9	2.720	4.957	9.33	11.413	43.1	57.2 13.952 1826
6	S. D. TOTAL OBS		11.633	9.899	8.251	65.1	3.900	73.0	3.060	5.235	9.7241	1.990	42.3	57.3 14.686 1826
2	S. D. TOTAL OBS	12.58910.871	10.07	9.346	8.006	67.9 5.870 155	72.9	75.9	73.6	72.8 5.140	61.1	10.694	46.7	13.649
2	S. D. TOTAL OBS	50.1 51.3 11.91910.329 159 141	51.3 10.329	58.3 8.882 155	7.428	5.438	3.803	76.4	2.765	13.6	1.935	10.074	50.1 10.092 155	63.3
2	S. D. TOTAL OBS	50.7 11.567 155	9.697	8.389	7.008	5.231	73.5	76.2	2.734	13.4	1.784	9.552	9.811	63.4
2	S. D. TOTAL OBS	47.5 11.49[	48.4	56.3 7.932 154	59.0	5.05 188	72.2 3.612 150	74.8 2.645 155	2.73	11.0	00.00	10.05	47.5 10.161 135	12.695
22	S. D. TOTAL OBS	45.4 46.2 11.85410.233	10.233	8.233	7.317	3.352	71.4	2.582	73.7	1.939	**************************************	10.659	45.6	19.831
ALL	S. D. TOTAL OBS		11.090	9.190	8.014	5.990	1200	2.972	3.176	71.2 5.126 1200	9.1.0	11.194	11.126	13.555

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# MEANS AND STANDARD DEVIATIONS

# DEM-POINT TEMPERATURES DEG F FROM HOURLY DESERVATIONS

STATION	1			STATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	S. D. TOTAL OBS	14.06112.	12.7701	50.7	53.0 10.224 150	7.327	68.8 4.684	71.7	2.907	5.601	54.5 10.414 155	13.377	41.2 13.588 155	56.2 15.409 1826
*	S. D. TOTAL OBS	14.95012.97	12.9751	50.2 11.6731	51.6	7.680	4.924	70.8 2.715 135	71.3	5.655	10.40	13.2491	13.441	55.2 15.499 1826
0	S. D. TOTAL OBS	39.8 39. 15.18413.6	-	49.6	52.1 10.109 150	7.367	4.629	71.8 2.562 155	3.288	6.020	52.7	13.670	39.8 13.443 155	55.3 16.105
2	MEAN S. D. TOTAL OBS	41.9 4	14.174	50.7 12.7881	52.4 11.728 150	62.9	5.127	3.074	73.0	6.59	55.6 11.6091	148.4	41.8	56.8 16.053
13	S. D. TOTAL OBS	43.6	5.30914.56813. 155 141	13-1241	52.0 11.520 150	62.1 8.506 155	5.654	72.1 3.576 155	72.6 3.233 155	5.783	54.8 11.561	14.721	42.7	56.6 15.845 1826
91	S. D. TOTAL OBS	43.5 4 15.37815 155	41.3	50.1 13.0051	\$1.5 11.640 150	63.0 8.213	5.825	3.437	3.230	5.8671	54.9 11.5971	1.524	42.5 14.897 155	56.6 16.038 1826
2	S. D. TOTAL OBS	43.1 42. 14.50112.8	12.8421	1.404	\$2.6 10.621 150	6.8. 1.8.0 1.8.0 8.8.0	68.6 4.992	3.219	72.6	5.423	9.955	12.976	43.3 13.207 155	57.2 14.949 1825
22	S. D. TOTAL OBS	42.1 42. 14.23312.1	12.13010	51.6 10.502	9.832	64.8	4.213	72.6 2.866 155	2.5	5.640	55.7 10.059	12.864	13.322	57.1 15.045 1826
ALL	S. D. TOTAL OBS	15.02813.5	13.5491	11.9511	52.4	63.1	5.040	3.101	3.087	5.818	10.9091	3.696	13.878	15.636

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### RELATIVE HUMIDITY

93831 BEAUFORT, SOUTH CAROLINA

73-77

PERIOD

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	155	155	155	155	155	155	155	155			1360
MEAN	HUMIDITY	17.69	6.48	0.99	76.7	99.6	63.6	75.7	91.7			***
	%06	40.0	43.2	+8.4	27.7	15.5	17.4	23.2	32.9	9		
	80%	63.2	70.3	69.7	46.9	50.5	26.9	45.8	62.6			4.18
ATER THAN	20%	81.3	85.8	85.5	64.5	41.3	38.7	63.2	78.7			
HUMIDITY GRE	%09	90.3	91.6	92.3	80.0	55.5	52.3	78.1	89.0	•		
OF RELATIVE	20%	94.8	96.8	8006	91.6	74.2	65.2	88.4	94.8			
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	40%	98.7	100.0	100.0	96.8	48.4	83.9	97.4	98.1			7 .0
PERCENTA	30%	100.0	100.0	100.0	100.0	98.1	95.5	100.0	100.0			0.00
	20%	100.0	100.0	100.0	100.0	100.0	4.66	100.0	100.0			
	10%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
HOURS	(LS.T.)	10	*0	07	10	13	16	19	22			ALS
	MONTH	JAN										TOTALS

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350

#### RELATIVE HUMIDITY

BEAUFORT, SOUTH CARDLINA 93831 STATION

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73-77

FEB.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100.0   100.0   100.0   99.3   96.5   87.2   78.0   99.6   25.5   100.0   100.0   100.0   99.3   90.8   80.1   63.8   31.9   15.6   100.0   100.0   100.0   97.9   94.3   86.5   66.7   40.4   100   100.0   100.0   94.3   78.7   94.3   86.5   66.7   40.4   100   100.0   90.1   71.6   49.6   34.8   20.6   14.9   45.4   15.6   190.0   100.0   90.1   71.6   49.6   34.8   20.6   14.9   57.7   19.4   19.6   100.0   100.0   90.1   79.4   64.5   81.1   23.4   97.9   96.5   85.8   73.8   46.1   18.4   100.0   100.0   99.3   96.5   85.8   73.8   46.1   18.4   100.0   99.7   96.4   89.6   81.0   69.3   57.0   40.1   19.2   19.2   100.0   99.7   96.4   89.6   81.0   69.3   57.0   40.1   19.2   100.0   99.7   96.4   89.6   81.0   69.3   57.0   40.1   19.2   100.0   99.7   96.4   89.6   81.0   69.3   57.0   40.1   19.2   100.0   100.0   99.7   96.4   89.6   81.0   69.3   57.0   40.1   19.2   100.0   100.0   99.7   96.4   89.6   81.0   69.3   57.0   40.1   19.2   100.0   100.0   99.7   96.4   89.6   81.0   69.3   57.0   40.1   19.2   100.0   100.0   99.7   96.4   89.6   81.0   69.3   57.0   40.1   19.2   100.0   100.0   99.7   96.4   89.6   81.0   69.3   57.0   40.1   19.2   100.0   10	MONTH	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	EATER THAN			MEAN	TOTAL
01 100.0 100.0 100.0 99.3 96.5 87.2 76.0 59.6 25.5  04 100.0 100.0 100.0 100.0 99.3 90.8 80.1 63.8 31.9  07 100.0 100.0 100.0 94.3 78.7 61.7 44.0 31.9 15.6  10 100.0 100.0 90.1 71.6 49.6 34.8 20.6 14.9 6.4  10 100.0 100.0 100.0 90.1 79.4 64.5 51.1 23.4 9.9  22 100.0 100.0 100.0 99.3 96.5 85.8 73.8 46.1 18.4  10 100.0 99.7 96.4 89.6 81.0 69.3 57.0 40.1 19.2		(L.S.T.)	10%	20%	30%	40%	20%	%09	%02	%08	%06	HUMIDITY	088.
04 100:0 100:0 100:0 100:0 99:3 90:6 80:1 63:8 31:9 07 100:0 100:0 100:0 100:0 97:9 94:3 86:5 66:7 40:4 10 100:0 100:0 100:0 94:3 78:7 61:7 64:0 31:9 15:6 13 100:0 100:0 90:1 71:6 49:6 34:8 20:6 14:9 6:4 16 100:0 100:0 100:0 90:1 79:4 64:5 51:1 23:4 9:9 22 100:0 100:0 100:0 99:3 96:5 85:8 73:8 46:1 18:4 100:0 99:7 96:4 89:6 81:0 69:3 57:0 40:1 19:2		10	100.0	100.0	100.0	99.3	96.5	87.2	78.0	59.6	25,5	+•0•	141
10 100:0 100:0 100:0 94.3 78.7 61.7 44.0 31.9 15:0 13 100:0 100:0 90:1 71.6 49:6 34.8 20.6 14.9 6:4 16 100:0 97.2 80:9 62.4 50.4 35.5 22.0 14.2 5:7 19 100:0 100:0 100:0 90:1 79:4 64.5 51.1 23.4 9:9 22 100:0 100:0 100:0 99.3 96.5 85.8 73.8 46.1 18:4 100:0 99.7 96.4 89.6 81.0 69.3 57.0 40:1 19:2		*	100.0	100.0	100.0	100.0	8.66	9006	80.1	63.8	31.9	82.7	141
10 100.0 100.0 100.0 94.3 78.7 61.7 44.0 31.9 15.6  13 100.0 100.0 90.1 71.6 49.6 34.8 20.6 14.9 6.4  16 100.0 97.2 80.9 62.4 50.4 35.5 22.0 14.2 5.7  19 100.0 100.0 100.0 90.1 79.4 64.5 81.1 23.4 9.9  22 100.0 100.0 100.0 99.3 96.5 85.8 73.8 46.1 18.4  100.0 99.7 96.4 89.6 81.0 69.3 57.0 40.1 19.2		07	100.0	100.0	100.0	100.0	97.9	64.3	86.5	1.99	+0.0	84.3	141
13 100.0 100.0 90.1 71.6 49.6 34.8 20.6 14.9 6.4 16 100.0 97.2 80.9 62.4 50.4 35.5 22.0 14.2 5.7 19 100.0 100.0 100.0 90.1 79.4 64.5 81.1 23.4 9.9 22 100.0 100.0 100.0 99.3 96.5 85.8 73.8 46.1 18.4 190.0 99.7 96.4 89.6 81.0 69.3 57.0 40.1 19.2		2			100.0	94.3	78.7	61.7	0.44	31.9	15.6	68.3	141
16     100.0     97.2     80.9     62.4     50.4     35.5     22.0     14.2     5.7       19     100.0     100.0     100.0     90.1     79.4     64.5     51.1     23.4     9.9       22     100.0     100.0     99.3     96.5     85.8     73.8     46.1     18.4       100.0     99.7     96.4     89.6     81.0     69.3     57.0     40.1     19.2		13			90.1	71.6	49.6	34.8	\$0.0	14.9	**	54.3	141
22 100.0 100.0 100.0 90.1 79.4 64.5 51.1 23.4 9:9 22 100.0 100.0 99.3 96.5 85.8 73.8 46.1 18.4 100.0 99.7 96.4 89.6 81.0 69.3 57.0 40.1 19.2		91	100.0	97.2	80.9	4.29	\$0.4	35.5	22.0	14.2	5:7	52.2	141
22 100.0 100.0 100.0 99.3 96.5 85.8 73.8 46.1 18.4 100.0 99.7 96.4 89.6 81.0 69.3 57.0 40.1 19.2		61			100.0	90.1	79.4	64.5	1116	23.4	6.6	67.7	141
100.0 99.7 96.4 89.6 81.0 69.3 57.0 40.1 19.2		22	100.0		100.0	99.3	96.5	85.8	73.8	46.1	19.4	77.6	10.0
100.0 99.7 96.4 89.6 81.0 69.3 57.0 40.1 19.2													
100.0 99.7 96.4 89.6 81.0 69.3 57.0 40.1 19.2													
100.0 99.7 96.4 89.6 81.0 69.3 57.0 40.1 19.2													
	TOT	ALS	100.0	99.7	96.4	89.6	61.0	69.3	57.0	40.1	19.2	70.9	1128

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#### RELATIVE HUMIDITY

BEAUFORT, SOUTH CAROLINA

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73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
(L.S.T.)	%01	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	OBS.
10	100.0	100.0	100.0	98.1	1.96	89.0	61.9	67.1	32.0	82.4	155
*0	100.0	100.0	100.0	4.66	96.8	91.6	83.2	70.3	37.4	84.0	155
10	100.0	100.0	100.0	100.0	98.1	92.3	85.2	71.0	39.4	85.1	155
10	100.0	100.0	98.7	90.3	78.7	61.0	47.1	7.72	14.2	67.8	155
13	100.0	4.06	91.0	71.0	58.1	39.4	22.6	1001	7:7	55.7	155
10	100.0	98.1	88.4	73.5	57.4	41.3	\$2.6	15.5	8.4	55.7	155
61	100.0	100.0	98.7	89.0	19.9	68.2	4.64	35.1	14:3	69.2	154
22	100.0	100.0	100.0	96.8	92.9	85.8	74.8	54.8	26.5	79.1	155
TOTALS	100.0	7.06	97.1	89.8	82.3	71.2	98.4	44.7	22.6	72.4	1239

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### RELATIVE HUMIDITY

93831 BEAUFORTS SOUTH CARDLINA

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73-77

PERIC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

THE PARTY OF	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIN	(L.S.T.)	10%	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	OBS.
APR	10	100.0	100.0	100.0	99.3	94.0	87.3	81.3	95.0	15.3	79.3	150
	*0	100.0	100.0	100.0	100.0	97.3	91.3	82.0	71.3	25.3	82.7	150
	10	100.0	100.0	100.0	100.0	98.0	91.3	80.0	04.7	28.0	85.0	150
	97	100.0	100.0	97.3	90.0	69.3	47.3	22.7	12.7	3.3	39.6	150
	2	100.0	99.3	90.0	69,3	50.7	22.0	14.0	0.0	2.0	50.7	150
	91	100.0	98.0	87.3	1.40	48.0	24.0	12.0	7.3	3,3	50.1	150
	61	100.0	100.0	96.7	86.0	75.3	56.7	35.3	15.3	5:3	62.8	150
	22	100.0	100.0	100.0	7.86	61.3	87.3	0.04	46.0	6:7	76.0	150
07	TOTALS	0.001		1:96	88.9	78.0	63.4	1.05	35.7	11.2	67.0	1200
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### RELATIVE HUMIDITY

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73-77

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	155	155	155	155	155	155	155	155	1240
MEAN	HUMIDITY	85.1	87.2	95.6	64.7	93.9	99.0	10.0	1.7	13.7
	%06	25.2	36.8	31.6	3.2	1:0	.•	3.9	11:0	14:3
	%08	76.8	82.6	78.7	12.3	6.5	0.6	25.2	66,9	1.3
ATER THAN	20%	90.3	93.5	89.0	32.9	17.4	26.5	58.1	87.1	61.9
HUMIDITY GRE	%09	96.1	97.4	96.1	64.5	39.4	+9.4	78.7	95.5	77.0
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	20%	1.86	99.4	100.0	84.5	63.2	67.7	92.3	100.0	86.2
GE FREQUENC	40%	100.0	100.0	100.0	95.5	81.3	83.9	7.86	100.0	94.9
PERCENTA	30%	100.0	100.0	100.0	99.4	1.96	95.5	100.0	100.0	98.9
	20%	0	0	100.0 100.0	100.0	100.0	100.0		0	100.0 100.0
	10%	100.0 100	100.0 100	100.0	100.0 100	100.0 100.0	100.0 100	100.0 100.0	100,0 100	100.0
HOURS	(LS.T.)	10	40	07	10	13	10	10	22	SIN
HINOM		MAY								TOTALS

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#### RELATIVE HUMIDITY

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PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	_		FERCENI	PERCENIAGE PREGUENCI OF RELATIVE HUMIDITY GREATER THAN	T OF KELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
10 NUL	85	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	NO. OF
*	100.0	100.0	100.0	100.0	198.7	7.86	95.3	60.7	33,3	6.98	150
•	100.0	100.0	100.0	100.0	86.66	7.86	97.3	87.3	46:7	9.00	150
		100.0 100.0 100.0	100.0	100.0	100.0	99.3	1.96	77.3	34.0	1.98	150
01	100.0	100.0 100.0	100.0	99.3	93.3	76.7	45.3	18.0	2.0	9.89	150
13		100.0 100.0	98.7	91.3	71.3	49.7	20.7	10.7	4:0	9.09	150
2	100.0	100.0	98.0	7.06	72.7	53,3	34.0	18.0	0.0	69.1	150
61		100.0 100.0	99.3	7.86	92.0	78.0	56.7	32.7	1:1	72.4	150
22	100.0	100.0	100.0	100.0	99.3	97.3	92.0	0.89	21:3	83.7	150
			=								
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TOTALS	100.0	100.0 100.0	99.5	97.5	90.0	81.3	67.3	49.1	19.3	76.3	1200

#### RELATIVE HUMIDITY

BEAUFORT, SOUTH CARDLINA 93831 STATION

73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	155	155	155	155	155	155	155	155			1240
MEAN	HUMIDITY	87.6	19.1	99.9	70.7	0.89	65.3	75.9	85.0			78.3
	%06	92,0	39.4	38:1	3,2	1.9	3.0	14:0	24,5			19.0
	80%	83.9	92.3	87.7	14.2	12.3	13.5	32.3	+.99			50.6
ATER THAN	70%	97.4	98.7	7.86	50.3	25.8	7.62	65.2	1.96	,		70.5
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	100.0	100.0	100.0	85.8	1.96	95.9	91.0	100.0			96.9
Y OF RELATIVE	20%	100.0	100.0	100.0	96.1	9009	88.4	98.7	100.0			95.5
GE FREQUENC	40%	100.0	100.0	100.0	100.0	1.96	7.86	100.0	100.0			4.66
PERCENTA	30%	100:0	100.0	100.0	100.0	100.0	100:0	100.0	100.0			100.0
	20%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0 100.0 100.0
	10%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0
HOURS	(L.S.T.)	10	*0	07	10	13	91	10	22			NIS
MONTH		100										TOTALS

RELATIVE HUMIDITY

BEAUFORT, SOUTH CAROLINA 93831 STATION

73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

na.	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
MOMIN	(1.5.7.)	10%	20%	30%	40%	%05	%09	70%	%08	%06	HUMIDITY	OBS.
AUG	10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	51.0	90.8	155
	*	100.0	100.0	100.0	100.0	100.0	100.0	100.0	7.86	93.2	92,8	155
	10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	0.00	92,3	155
	10	100.0	100.0	100:0 100.0		100.0	96. Ī	65.8	26.5	9.4	75.4	155
	13	100.0	100.0	100.0	4.66	1.00	71.0	30.3	14.8	5:5	67.0	155
	91	100.0	100.0	100.0 100.0	100.0	4.4	76.8	34.8	13.9		1.69	155
	19	100.0	100.0	100.0	100.0	100.0	100.0	99.0	47.1	10.8	600	155
	22	100.0	100.0	0.0 100.0 100.0		100.0	100.0	98.7	85.8	31.6	87.6	155
5	TOTALS	100.0	100.0 100.0	100.0	6.66	99.2	93.0	17.3	0.00	30.0	05.0	1240

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RELATIVE HUMIDITY

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SEAUFORT, SOUTH CAROLINA

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1557   10%   20%   20%   20%   70%   80%   70%   80%   70%   80%   70%   80%   70%   80%   70%   80%   70%   80%   70%	MUNCH	HOURS			PERCENT	AGE FREQUENC	Y OF RELATIVE	PERCENTAGE PREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
01 1900 1000 1000 1000 1000 96.7 86.3 36.7  04 1900 1900 1000 1000 1000 97.3 98.0 94.0 47.3  07 1900 1900 1000 1000 1000 98.0 98.0 98.0 94.0 45.3  10 1900 1900 1000 98.7 94.0 71.3 34.7 14.7 4.0  11 1900 1900 1000 1000 1000 1000 96.7 84.0 48.7 12.7  22 1900 1900 1000 1000 1000 1000 96.7 82.0 23.3		(1.5.1.)	301	20%	30%	*0*	20%	%09	70%	%08	306	HUMIDITY	OBS.
04 100.0 100.0 100.0 100.0 99.3 98.0 94.0 47.3 07 100.0 100.0 100.0 100.0 98.0 99.3 98.0 94.0 45.3 10 100.0 100.0 100.0 100.0 98.0 92.0 67.3 30.0 4.7 14 100.0 100.0 99.3 98.7 90.7 75.3 39.3 16.7 4.0 19 100.0 100.0 100.0 100.0 100.0 96.7 84.0 48.7 12.7 22 100.0 100.0 100.0 100.0 100.0 100.0 94.7 82.0 23.3	2	10	100.0	0	100.0	100.0	100.0	100.0	76.7	89.3	36,7	00.68	150
07       100.0       100.0       100.0       100.0       96.3       98.0       94.0       45.3         10       100.0       100.0       100.0       98.7       94.0       71.3       34.7       14.7       4.0         18       100.0       100.0       98.7       94.0       71.3       34.7       14.7       4.0         19       100.0       100.0       98.7       90.7       75.3       39.3       16.7       4.0         19       100.0       100.0       100.0       100.0       96.7       84.0       48.7       12.7         22       100.0       100.0       100.0       100.0       100.0       94.7       82.0       23.3		8	100.0	100.0	100.0	100.0	100.0	99.3	98.0	0.46	67,13	100.1	150
19 190.0 100.0 100.0 98.0 92.0 67.3 30.0 4.7 13 100.0 100.0 100.0 98.7 94.0 71.3 34.7 14.7 4.0 16 100.0 100.0 99.3 98.7 90.7 75.3 39.3 16.7 4.0 19 100.0 100.0 100.0 100.0 96.7 84.0 48.7 12.7 22 100.0 100.0 100.0 100.0 100.0 94.7 82.0 23.3		10	100.0	100.0	100.0		100.0	99.3	98.0	0.46	45,3	90.6	150
13       100.0       100.0       96.7       94.0       71.3       34.7       14.7       4.0         16       100.0       100.0       96.7       75.3       39.3       16.7       4.0         19       100.0       100.0       100.0       100.0       96.7       84.0       48.7       12.7         22       100.0       100.0       100.0       100.0       94.7       82.0       23.3		01	100.0	100.0	100.0		98.0	92.0	67.3	30.0	4:3	75,3	150
16     100.0     100.0     99.3     98.7     90.7     75.3     39.3     16.7     4.0       19     100.0     100.0     100.0     100.0     100.0     46.7     84.0     46.7     12.7       22     100.0     100.0     100.0     100.0     100.0     94.7     82.0     23.3		2	100.0	100.0	100.0	7.86	0.46	71.3	74.7	14.7	4:0	6.9	150
22 100.0 100.0 100.0 100.0 96.7 84.0 48.7 12;7 22 100.0 100.0 100.0 100.0 94.7 82.0 23;3		91	100.0	100.0	99.3	98.7	1006	75.3	39.3	16.7		68.0	150
22 100.0 100.0 100.0 100.0 94.7 82.0 23.3		10	100.0	100.0	100.0	100.0	100.0	1.96	84.0	48.7	12,7	100	150
		22	100.0	100.0	100.0	100.0			7.16	95.0	23,3	1.98	150
TOTALS	Ď.	ALS											

#### RELATIVE HUMIDITY

BEAUFORT, SOUTH CAROLINA

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL		155	155	155	155	155	155	155	155		
MEAN	HUMIDITY	83.1	84.3	84.9	69.7	53.0	54.0	73.2	80.5		
	%06	21.9	27.1	28.4	3.9	5.6	1:0	3.2	12.9		
	80%	69.7	72.3	75.5	16.8	3.9	7.7	23.9	9.29		
ATER THAN	20%	7.78	98.4	90.3	41.3	10.3	15.5	64.5	85.8		
HUMIDITY GRE	%09	94.2	96.1	84.8	62.6	30.3	34.2	89.0	94.8		-
OF RELATIVE	20%	4.66	100.0	98.7	81.9	54.8	\$5.5	96.1	1.86		1000
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	40%	100.0	100.0	100.0	94.8	80.0	76.1	7.86	100.0		1
PERCENTA	30%	100.0 100.0	100.0	100.0	100.0	94.8	92.9	100.0	100.0		
	20%	100.0	100.0	100.0	100.0	***	100.0	100.0	100.0		A. W. A. A.
	<b>%01</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		W. W. W.
HOURS	(LS.T.)	10	*	10	10	13	91	61	22		VIS
-	MONTH	100									TOTALS

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### RELATIVE HUMIDITY

BEAUFORT, SOUTH CAROLINA

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73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONTH	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%0%	HUMIDITY	088.
YON	10	100.0	100.0	100.0	98.0	0.46	90.0	82.0	0.40	22.0	61.3	150
	*0	100.0	100.0	100.0	48.7	96.0	92.0	83.3	63.3	25,3	12.7	150
	10	100.0	100.0 100.0	100:0	100.0	98.7	7.26	83.3	71.3	31,3	1.40	150
	9	100.0	100.0 100.0	100.0	92.7	79.3	66.7	43.3	22.7	11.3	67.4	150
	=	100.0	7.00	92.0	73,3	56.7	37.3	21.3	11.3	6:7	95.0	150
	91	100.0	0.00	9.0	7007	55.3	37.3	22.0	12.7	6:7	55.2	150
	=	100.0	100.0	99.3	98.0	95.3	81.3	1.99	0.04	7.3	74.2	130
	22	100.0	100.0	100.0	98.0	94.0	90.0	60.7	62.0	19,3	80.2	150
101	TOTALS	100.0	8.6	97.4	91.2	63.7	73.2	60.3	43.4	16.2	72,5	1200

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BEAUFORT, SOUTH CAROLINA

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PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

### RELATIVE HUMIDITY

BEAUFORT, SOUTH CARDLINA

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIN	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	OBS.
JAN	ALL	100.0	99.9	26.5	95.4	87.8	78.6	67.3	51.4	31.0	77.2	1240
8		100.0	7.06	96.4	90.08	91.0	69.3	57.0	1.00	19.2	70.9	1128
MAR		100.0	7.66	97.1	89.8	82.3	71.2	58.4	44.7	22.6	72.4	1239
APR		100.0	7.66	4.96	88.5	78.0	63.4	49.7	35.7	11.2	67.9	1200
HAY		100.0	100.0	98.9	94.9	98.2	77.0	61.9	44.7	1453	13.7	1240
NOT		100.0	100.0	99.5	97.5	9008	81.3	67.3	1000	19.3	76.3	1200
JUL		100.0	100.0	100.0	4.66	95.5	89.9	70.5	9006	19.0	78.3	1240
AUG		100.0	100.0	100.0	99.9	99.2	93.0	77.3	0.00	30.0	82.0	1240
SEP		100.0	100.0	99.9	7.66	97.8	91.7	76.6	58.7	22,5	600	1200
100		100.0	99.9	98.5	93.7	85.6	74.5	60.9	41.6	12.7	72.3	1240
NON		100.0	9.66	97.4	91.2	83.7	73.2	60.3	43.4	16.2	72.5	1200
DEC		100.0	100.0	98.7	94.6	86.9	76.7	9.69	48.9	28,7	76.1	1240
5	TOTALS	100.0	99.0	98.5	94.5	88.1	78.1	64.2	47.4	20.7	73.0	14607

OF AIR TEMPERATURE	
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FREQUENCY	VS.
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BEAUFORT, SOUTH CARDLINA

93831 STATION

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WIND DIRECTION
JANUARY 1973-DECEMBER 1977

JANUARY

TEMP. 122+ 117 TO 121 112 TO 116 107 TO 111	NNN						-				
122 + 17 TO 121 112 TO 116 07 TO 111	Z es	N S	ENE ENE	ESE & SE	SSE & S	SSW & SW	wsw w	N N N	CALM	TOTAL FREQ.	% OF TOTAL
17 TO 121 112 TO 116 07 TO 111											
07 TO 116											
111 01 70											
102 TO 106											
97 TO 101											
92 10 96											
87 TO 91											
82 TO 86			Obj. of the								
18 07 77	4		7.7		38.5	7.7	38.5	7.7		13	1.0
72 10 76	3.4		3.6	3.4	29.1		27.6	13.6		62	2,3
17 07 79			3.5	9.3	39.5	10.4	23.7	5.3	3.9	16	9.1
62 TO 66	3.1		4.1	4.	20.0		23.3	3.1	8.5	129	10.4
57 TO 61	4.1	4.04	10.5	12.3	19.3		5002	5.0	11:11	171	13.8
52 10 56	4:4	15.1	15.1	4.0	13.4		20.1	0.0	14.0	149	12.0
12 OT 74	10.8		0.	2.5	5.1	2:4	19.1	9.6	22.9	157	12.7
40 10 46	19.2	14.5	3.0	8.1	4.0	6.4	4.22	10.9	18.8	105	13.3
37 TO 41	19.0		1.0		2.2	6.2	21.0	1001	55.3	138	1:11
32 TO 36	53.5	13.1				2.0	10.6	10.4	55.5	102	8.2
27 TO 31	20.6	1				4.9	23.5	22.1	50.02	89	5.5
22 70 26		2.4				• • • • •	1.1.	20.0	43.1	35	2.8
17 10 21	25.0						37.5	37.5		8	9.
12 TO 16											
11 01 7											
2 70 6											
-3 TO 1											
-8 10-4					>				*		
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											0.77
-48 TO-44											
-53 TO-49											
-58 10-54											
-59 & LWR					-	-			1		
TOTALS	10.3	10.0	2.6	3.1	7.71	1001	51.5	9.6	0.01		140 100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE	

WIND DIRECTION

BEAUFORT, SOUTH CAROLINA

JANUARY 1973-DECEMBER 1977 FEBRUARY

STATION NAME	YEARS	TLZON	HOCH
	WIND DIRECTION		

	3 2 2	NN A	EN S	ESE A SE	SSE	SSW	wsw &	NNN NNN	CALM	TOTAL	% OF
1	2	a NE		9.76	3	MC 8	8	82.6		3	101
117 TO 121											
112 TO 116											
111 07 701											
102 TO 106											
101 01 76											
92 10 96											
16 01 78											
82 TO 86											
18 OT 77					0.09	20.0			20.0	30	*
72 TO 76		2.9	3.7	14.3	48.6	11.4	11.4	5.7		35	3.
17 07 79	1.1	1:1	5.3	11.5	30.0	14.7	23.5	2.1	7.5	95	9.0
62 70 66		3.3	4.1	6.9	30.0	21.5	15.3	2.8	2.8	144	12.8
19 01 75	1.3	1.9	12.6	00	23.3	13.8	15.1	15.7	1.5	159	
52 TO 56	3.1	6.0	13.6	3.6	21.3	13.6	13.6	8.1	12.5	160	
12 07 74	8.9	0.1	6.1	3.0	11.9	9.6	23.7	15.6	1.4.1	135	
42 TO 46	13.3	1.6	6.9	1:9	5.5	1.0	20.3	17.7	22.8	198	14.0
37 TO 41	12.5	11.5	3.8		1.9	3.8	18.3	23.1	23.0	104	8.2
32 TO 36	11.3	16.9	0.1		1.4	7.4	11.3	7.0	*0.0	11	6.3
27 TO 31	37.0	6.9					15.2	2.00	32.6	99	4.1
22 70 26	13.3	13.3					6.1	13.3	53.3	13	1.3
17 10 21	100.0					A					•
12 TO 16											
10 11											
2 70 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO-54											
-59 & LWR	•	1	-				100				
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NAVWEASERVCOM

### PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

93831 STATION

ANUARY 1973-DECEMBER 1977

ALL

	STATION NAME	STATION NAME	AME				YEARS		YEARS	MONT	
					WIND DIRECTION	CTION					
TEMP.	≥ Z Z Z e5	S NNE	S ENE	ESE & SE	SSE A.S	SSW & SW	wsw w	www wn &	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TC 121											
112 TO 116											
111 OT 701											
102 TO 106											
101 07 76											
92 10 %											
16 01 78							50.0	50.0		2	2.
82 TO 86				1.1		28.0	35.7	14.3		*1	
77 TO 81		1		9.3	40.7	16.	1.42	9.3		34	
72 10 76		2.0	5.0			18.0	25.0	3.0		100	
12 07 %	2.3	2.3	0.1	5.8		19.1	15.0	2.3	3.5	173	
62 TO 66	2.1	1.0	10.4	-		13.3	8.7	3.5		286	
57 TO 61	3.0	6.6	18.6	-		10.8	10.4	8.7	13.9	162	
52 70 56	2.0	**	14.3			6.3	5002	6.6		101	1
47 TO 51	19.8	12.9	2.0	3.0		3.0	17.8	13.9		101	
42 TO 46	19.4	13.4	0.0		1.5	3.0	10.4	10.4	32.0	10	5.4
37 TO 41	20.5		3.1			1.	19.4	15.4	23.1	36	3.6
32 TO 36	28.6						14.3	42.9	14.3		0.
27 TO 31	33.3							999		•	•
22 TO 26											
17 10 21											
12 TO 16											
7 TO 11											
2 10 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR			100.00			-					
TOTALE					*			-	*	****	

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93831 STATION

ALL

BEAUTURT, SOUTH CAROLINA	JANUARY 1973-DECEMBER 1977	77 APRI
STATION NAME	YEARS	MONTH

	NNE S NE	ENE & E	ESE & SE	SSE & S	SSW & SW	wsw w	WNW WNW	CALM	TOTAL FREQ.	% OF TOTAL
		25.0			50.0			25.0	4	.3
1.4		1 87	5.7	22.9	28.6	22.9	8.6		35	2.9
1.2		6.4	23.2	41.5	9.0	14.6	3.7		82	6.8
1.3		6.6	14.0	39.1	12.0	15.9	4.0	5.6	151	12.6
5.3	4.2	7.2	10.0	30.8	14.0	12.9	5.3		263	21.9
2.8	1.0	15.0	9.3	20.3	8.0	18.3	6.9	1	240	20.5
1:0	1001	10.6	3.6	6.8	5.0	17.3	7.8	23.5	139	14.9
9.5	7.3	80.0	1.5	3.1	5.8	19.0	9.5		137	11.
10.8	2.9	6.4			1.5	18.5	15.6		69	3.4
4.6	4.6				6.3	18.8	15.6	1	32	7.7
						20.0	20.0		5	
							-			-
-					A					
5.1	3.1	2.4	H - H	3.8		4.4	-	2	00	X XX - 00 -

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

BEAUFORT, SOUTH CAROLINA

93831

STATION NAME

JANDARY

1973-DECEMBER 1977

MONTH

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HOURS ( L.S.T.) ALL

	CALA
	WNW WNW
	wsw w
ECTION	SSW & SW
WIND DIRECTION	SSE & S

% OF TOTAL

TOTAL FREQ.

SSE		wsw	
SSE		SSW	
	-	SSE	

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TEMP. 122+ 112 TO 116

117 TO 121

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SSW & SW	000000000000000000000000000000000000000	3.3
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16.

82 TO 86 77 TO 81 72 10 76

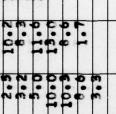
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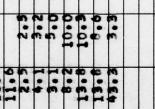
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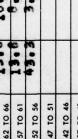
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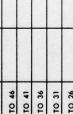
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-18 TO-14

-13 10 -9

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-23 TO-19

-28 TO-24



-43 TO-39 -48 TO-44

-33 TO-29 -38 TO-34



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-59 & LWR TOTALS

-58 TO-54

-53 TO-49

22.5 32.5 13.0

31.3

### PERCENTAGE FREQUENCY OF AIR TEMPERATURE

BEAUFORT, SOUTH CAROLINA

93831 STATION

WIND DIRECTION JANUARY 1973-DECEMBER 1977

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HOURS ( L.S.T.) ALL

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	TOTAL	FREG.					31	101	210	272	390	150	35
	CALM				1		3.2	2.0	3.3	6.9	21.0	32.7	31.3
	NN W	WW &					19.4	10.0	2.5	4.1	2.1	0.6	
	wsw	× ×				33.3	45.2	32.7	15.2	10.1	13.3	0.6	3.1
	ssw	& SW				66.7	19.4	18.8	13.3	16.3	11.3	• • •	
	SSE	8 2			+		6.5	8.22	1.02	31.1	19.0		
	ESE	& SE			+			3.0	11.0	11.5	1.1	5.0	
	ENE.	20 E			1		3.2	9.0	11.4	11.9	3.9	3.0	
	NNE	S NE			1			2.0	20.	***	111.5	10.3	21.9
-	N.V.	Z					3.2	3.0	6.	3.7	10.5	19.9	43.0

121 01 711

TEMP. 122+ 112 70 116

			-	•	22.	20.	31.	1.3
					3.0	11.0	11.5	1.5
					3.0	11.	11.9	3.4
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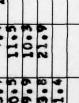
101 01 76

16 01 78

95 10 96

	3.0	11.0	11.3	-	2.0	
9.5	9.0	11.4	11.9	3.4	3.8	
	2.0	4.0	* . *	11.5	10.3	21.9





17 OT 79

82 TO 86



***	10.3	21.9		
	6.6	3.0	1.4	-



62 TO 66

47 10 51

42 TO 46

-18 TO-14 -23 TO-19 -28 TO-24 -33 TO-29 -38 10-34

-13 70 -9

-8 TO-4

-3 10 1

2 10 6

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-59 & LWR TOTALS

-43 TO-39

-48 TO-44 -53 TO-49 -58 TO-54

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE	
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BEAUFORT, SOUTH CAROLINA

93831 STATION

JANUARY 1973-DECEMBER 1977	977
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TEMP.	3 Z Z ≪	NNE 8 NE	ENE ENE	ESE & SE	SSE & S	SSW & SW	wsw w	www.	CALM	TOTAL FREQ.	% OF TOTAL
122+											4
121 01 711										9	
112 TO 116											
107 TO 111											
102 TO 106											
101 01 26				20.0		20,0	60.0			2	
92 TO 96	2.3		1.6	11.4	27.3	13.0	20.5	9.9	1.6	**	3.5
16 01 78	3.4	401	9.0	6.	30.6	10.3	19.0	1:4	8.2	147	
82 TO 86	2.2	2.0	0.01	12.9	33.1	10.0	10.8	2.2	0.5	278	22.4
18 OT 77	101	6.9	9.0	60/	6.42	50.0	1.0	3.5	17.1	340	
72 TO 76	2.6	0.0	3.1	3.5	11:1	15.7	13.8	1:0	31:4	370	
17 07 79	0.4	0.0		2.0	0.0	0.0	12.0	0.0	48.0	2	1
62 TO 66											
19 01 78											
52 TO 56											
47 TO S1											
42 TO 46											
37 TO 41											
32 10 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 10 11											
2 70 6											
-3 TO 1											
-8 TO-4											
-13 10 -9											
-18 10-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 78-39											
-48 TO-44			34								
-53 TO-49											
-58 TO-54											
-59 & LWR				1		200					
TOTALS	***	2.0	0.4		24.5	10.4	15.7	2.0	18.0	0471	100.0

7.7 16.9 12.0 10.5 2.7 20.9

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

EAUFORT, SOUTH CAROLINA	JANUARY 1973-DECEMBER 1977	7 AUGUST
STATION NAME	YEARS	HTNOM

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TEMP.	NN X	N N N N N N N N N N N N N N N N N N N	ENE Se E	ESE & SE	SSE & S	SSW S SW	wsw w &	× × × ×	CALM	TOTAL FREG.	% OF TOTAL
122+											
1210171											
112 TO 116											
111 01 201											
102 TO 106											
101 01 26											
92 10 96	7.7					38.5		7.7	7.7	13	
16 01 78	3.9		6.9	12.6	30.7	19.1	15.7	3.9	5.5	121	10.2
82 TO 86		1.0	19.1	1001		4.4	6.0			842	
18 01 77	3.4		12.9	1.0		10.3	10.0	2.6	17.4	350	
72 10 76	12.4		6.0	3.0		4.6		3.2		*0*	1
17 07 79	34.1	0.62	3.4	1:1		-		3.4	20.5	88	
62 TO 66	0.04					10.0				10	
19 01 75							1				
52 TO 56											
47 TO S1											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 10 21											
12 TO 16											
11 01 7											
2 TO 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR				N. S.							
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PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION JANUARY 1973-DECEMBER 1977 SEPTEMBER

BEAUFORT, SOUTH CAROLINA

93631 STATION

HOURS ( L.S.T.)

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GE FREQUENCY	3/1
<b>LAGE FREQUENCY</b>	3/1
NTAGE FREQUENCY	3/1
ENTAGE FREQUENCY	***
RCENTAGE FREQUENCY	3/1
PERCENTAGE FREQUENCY OF AIR TEMPERATURE	3/1

BEAUFORT, SOUTH CAROLINA

93831 STATION

HOURS (L.S.T.) ALL

MONTH		
YEARS		

T OCTOR	MONTH
JANUARY 1973-DECEMBER 1917	YEARS

					WIND DIRECTION	CTION					
TEMP.	NNN 8	NNE 8 NE	ENE 8 E	ESE & SE	55£	SSW & SW	wsw w &	WNW W	CALM	TOTAL FREG.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
1107 701											
102 TO 106											
101 01 26											
92 TO 96											
16 01 78							50.0		50.0		.2
82 TO 86	11.4	4.5	9.1	29.5	10.2	2,3	10.2	4.5	2.3		3.5
17 TO 81	9.4	2.6	25.2	13.7	13.0	8.	13.0	2.3	6.9	121	10.6
72 TO 76	10.1	16.6	20.1	6.9	1001		7.7	1.7	14.0		13.6
17 07 79	21.7	18.3	7.8	3.0	1.	5.7	7.8	1.0		230	18.5
62 TO 66	22.7	20.8	3.2	6.0	2.3		12.0	4.0		216	17.4
57 TO 61	24.7		2.8		2.8	9.0	9.6	6.2		178	14.4
52 TO 56	18.1		5.4		ac .	3.9	11.8	8.7	40.0	127	10.2
47 TO 51	32.9		1.2			5.4	9.8	6.1	29.3	29	0.0
42 TO 46	23.9	17.4				6.9	17.4	4.3	30.4	99	3.7
37 TO 41	23.0						6.3	16.7	50.0	12	1.0
32 TO 36	33.3		33.3						33.3	Ŕ	2.
27 TO 31											
22 TO 26											
17 10 21											
12 TO 16											
7 10 11											
2 10 6											
-3 TO 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR											
TOTALS	17.5	0007	0.0		0.0	0.0	10.0		43.0	7640	100.0

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FREQUENCY	3/1
PERCENTAGE FREQUENCY	
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BEAUFORT, SOUTH CAROLINA

93831 STATION

NOVEMBER JANUARY 1973-DECEMBER 1977

HOURS ( L.S.T.) ALL

WIND DIRECTION

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TAGE FREQUENC	76
ENTAGE FREQUENCY O	37.
RCENTAGE FREQUENC	27.
ERCENTAGE FREQUENC	27

93831 STATION

MIND DIRECTION
JANUARY 1973-DECEMBER 1977 DECEMBER BEAUFORT, SOUTH CAROLINA

TEMP.	MNN	NNE	ENE	ESE	SSE	SSW	wsw	www	CALM	TOTAL	% OF
1	Z	NE NE	3 8	& SE	8.8	& SW	<b>≫</b>	N N		FREQ.	TOTAL
122+											
17 10 121											
112 TO 116											
111 OT 701											
102 TO 106											
101 01 76											
92 10 96											
16 01 78											
82 TO 86											
18 01 77											
72 TO 76			10.0	9.0	35.0	30.0	15.0		9.0	20	1.6
17 07 79		4.7	1.0	1.0	39.5	32.0	9.3			63	3.1
62 TO 66			0.8	*.*	6.2.3	17.3	1361	2.2	0.0	137	11.0
19 01 75	3.6	0.0	2.6	6.9	1.00		10.8	9.6	1.02	184	
52 TO 56	0.3	13.0	3.8	1.2	11.5	12.0	0.62	5.8	10.0	141	13.4
17 10 51	12.2	10.9	3.6	1.2	2.8	6.0	1.62	12.2	19.3	607	
42 TO 46	12.0	12.0	1.01	1.1	4.2	0.3	1.62	13:1	**	113	
37 TO 41	10.8	8.0	4.3			5.5	54.5	16.5	30.0	130	
32 TO 36	4:4	4.5	1:1		-	3.6	19.4	18.3	37.0	93	-
27 TO 31	15.8	0.				1:0	10.5	17.5	41.4	27	4.0
22 TO 26	25.0						12.5	12.5	20.0	-	0.
17 TO 21	23.0								75.0	•	
12 TO 16											
7 TO 11											
2 10 6											
-3 TO 1											
-8 TO-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 TO-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR					1						
TOTALS	8 . 1	6.4	8 . 9				20				

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BEAUFORT, SOUTH CAROLINA

93831 STATION

N Z

TEMP. 122+ 112 TO 116

107 70111

117 TO 121

102 TO 106

ALL

HOURS ( L.S.T.) ALL

JANUARY 1973-DECEMBER 1977

 MONTH
 YEARS

WIND DIRECTION

32 TO 36

22 TO 26

17 10 21

12 TO 16

7 TO 11

2 70 6

27 TO 31

72 TO 76

57 TO 61 52 TO 56 47 TO 51 NAVWEASERVCOM

14605 100.0

18.3

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-59 & LWR TOTALS

-48 TO-44 -53 TO-49 -58 TO-54

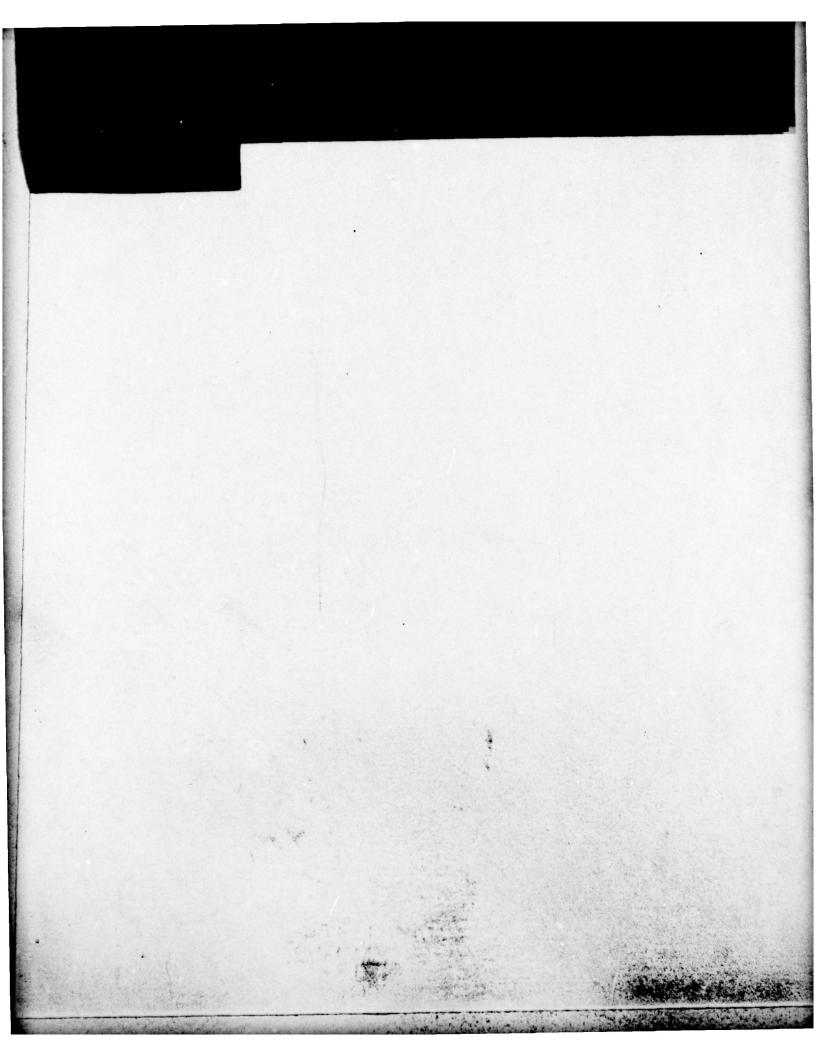
-38 TO-34 -43 TO-39

-18 TO-14 -23 TO-19 -28 TO-24 -33 TO-29

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-3 10 1



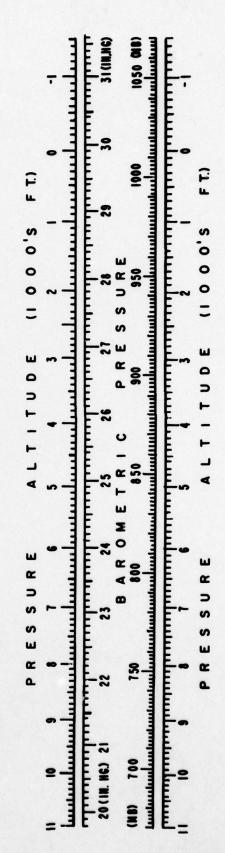
#### PART F

### PRESSURE SUMMARY

for all hours combined. All years of data available are combined in both of these tables, although the overall Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure Meteorological Tables.



# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION	L	SEACTOR!	ST. ST.	STATION NAME				-		YEARS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	NOI.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	S. D. TOTAL OBS	30.09630.07930	30.079		1150	19.9542	108	155	0.0342	19.9893	90.046 .148	30.082 151 150	30.067	30.033
*	S. D. TOTAL OBS	30.09130.06430.	30.06	171	30.0312	129	19.9562	155	0.0162	0.972	155	30.078	30.062	30.021
0	S. D. TOTAL OBS	30.10930.08930. .174 .181	30.089	171	30.0722	131	150	00.0213	155	150	30.063	30.103	30.084	30,050
2	S. D. TOTAL OBS	30.14930.12330.	30-123	178	30.095	19.9943	150	155	0.00	102	158	30-132	30-119	30.076
2	S. D. TOTAL OBS	30.09330.08130. .180 .189	30.081	178	30.0622	1.180	110	0.0203	0.047	150	158	30.075 .160 150	30.062	30.039
91	S. D. TOTAL OBS	30.06630.03529	30.035	155	30.017	29.9272	1113	29.9823	0.000	29.953 .106	153	130.047	30.037	30.002
91	S. D. TOTAL OBS	30.09930.05830	30.058	173	178	29.932	29.9532	155	0.013	102	158	30.072	30.062	30,017
22	S. D. TOTAL OBS	30-11330-08530	30.085	0.00	150	29.9612	29.986	159	0.0 0.0 0.0 0.0 0.0 0.0	101.	159	150.09	30.076	30.043
ALL	S. D. TOTAL OBS	30.10230.07730 175 .184	30.077	174	30.050	130	110	30.008	0.03	1200	30.051	30.089	30.071	158

# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOUBLY OBSERVATIONS

STATION				TION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	, NOL	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
10	S.D. TOTALOBS	1020.21019.6101 5.782 5.887 5.	1019.6 5.887	155	4 0	1015.4	3.626	3.167	2.873	3.403	1018 • 5 5 • 035 155	1019.7 5.085 150	1019.2 7.040 155	1018.1
*	S.D. TOTAL OBS	1020-01019-110 5.847 5.885 5 155 141	5.885	7.2	6.107	1015.01	3.570 150	3.160 3.160	2.859	3.327	1018 • 1 5 • 077	1019.6 5.110 150	1019.1 6.909 155	1017-6
10	S. D. TOTAL OBS	1020-61020-0101 5.863 6.069 5.	1020-0	135	1019.4	1016.11	3.598	3.242	1018.6 2.887 155	1017.0 3.346 150	1019+1 5-223 155	1020.4 5.222 150	1019.8 6.910 155	1018.6
10	S. D. TOTAL OBS	1022-11021-110 6-012 6-302 5- 155 141	1021.1 6.302 141	9.00	1020-1	1016.7	1017-11 3.633 150	3.264	2.959	3.430	1020 1 5 309 155	1021.4 5.341 150	1021-0 6.937 155	1019.5 5.408 1826
2	S. D. TOTAL OBS	1020-11019-710 6-112 6-389 6 159 141	1019.7 6.389	18.2	1019-01	4.379	3.719	3.311	1018.5 2.989 155	3.521 150 150	1018.6 5.358 155	3.401 5.401 150	1019.0 7.018 155	1018.3
10	S. D. TOTAL OBS	1019.21018.110 6.007 6.398 6	1018-1 6-398	16.5	1017.5 6-219 150	1014.4	3.829	3.372	1017.1 2.898 155	1015.3 3,596 150	1017.6 5.224 155	1018.5 5.248 150	1018.2 6.876 155	1017.0
61	S. D. TOTAL OBS	1020-21018-910 5-748 6-371 5 159 141	1018.9 6.371	17.1	1017.8 6.039 150	1014.6	3.768	1016.5 3.316 155	2.671	1015.8 3.454 150	1018+3 5-162 155	5.197	1019.0 6.825 155	1017.5
22	MEAN S. D. TOTAL OBS	1020-81019-81 5-740 6-054 159 141	1019.81 6.056 141	5.571	1018.8 6.051	1015.7 4.205 155	3,599	3.270	2.774	3.438	5.146	5.204	1019.5 6.813 155	1018.4
ALL	S. D. TOTAL OBS	1020-41019 5.924 6.2 1240 11	6.209	1239	1018.6 6.198 1200	1015.5	3.711	3.313	1018.1 2.966 1240	3.503	5.22	71019.8 7 5.272 0 1200	1019.3	1016.1

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